

# Boeing SMART Rotor Full-Scale Wind Tunnel Test Data Report

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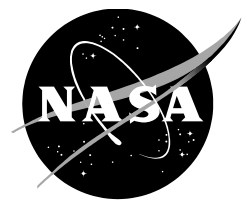
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## NOMENCLATURE

$C_T$	rotor thrust coefficient, + up
CTHHC	Continuous Time Higher Harmonic Controller
CTOS	rotor thrust coefficient over solidity, $C_T/\sigma$ , + up
Harmonics	flap frequency in cycles per rotor revolution
HP	horsepower from rotor torque
MDART	McDonnell Douglas Advanced Rotor Technology
MU	rotor advance ratio, tunnel speed/OMR
n	harmonic index (0 to N) or harmonic frequency n/rev, also nP
OMR	rotor tip speed (ft/s)
PCM	pulse-code modulation
PS	static pressure at tunnel centerline (psfa)
Q	corrected tunnel dynamic pressure (psf)
RDMS	Rotor Data Management System
RPM	rotor RPM, + counterclockwise from top
SMART	Smart Material Actuated Rotor Technology
THRUST	rotor thrust force parallel to rotor shaft, + up (lbf)
TORQ	rotor torque, + drag (in-lbf)
VKTS	tunnel speed (knots)
$\alpha_{su}$	uncorrected shaft angle-of-attack, + aft tilt (deg)
$\sigma$	rotor solidity, blade area/disc area



# **BOEING SMART ROTOR FULL-SCALE WIND TUNNEL TEST DATA REPORT**

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## **SUMMARY**

A full-scale helicopter smart material actuated rotor technology (SMART) rotor test was conducted in the USAF National Full-Scale Aerodynamics Complex 40- by 80-Foot Wind Tunnel at NASA Ames. The SMART rotor system is a five-bladed MD 902 bearingless rotor with active trailing-edge flaps. The flaps are actuated using piezoelectric actuators. Rotor performance, structural loads, and acoustic data were obtained over a wide range of rotor shaft angles of attack, thrust, and airspeeds. The primary test objective was to acquire unique validation data for the high-performance computing analyses developed under the Defense Advanced Research Project Agency (DARPA) Helicopter Quieting Program (HQP). Other research objectives included quantifying the ability of the on-blade flaps to achieve vibration reduction, rotor smoothing, and performance improvements. This data set of rotor performance and structural loads can be used for analytical and experimental comparison studies with other full-scale rotor systems and for analytical validation of computer simulation models. The purpose of this final data report is to document a comprehensive, high-quality data set that includes only data points where the flap was actively controlled and each of the five flaps behaved in a similar manner.

## **INTRODUCTION**

The Boeing Company developed the SMART rotor under a DARPA smart materials and structures demonstration program. The objectives of the SMART rotor program were to demonstrate smart materials for active control on a helicopter rotor and quantify performance and cost benefits. Piezoelectric actuators, driving trailing-edge flaps on a modified MD 902 rotor, were used to reduce vibration and noise, improve aerodynamic performance, and perform other active control functions. Development of the actuation and rotor system was supported by DARPA. NASA and the U.S. Army funded fabrication of the rotor blades. The state-of-the-art five-bladed composite bearingless main rotor system of the MD 902 was modified to include on-blade piezoelectric actuators and trailing-edge flaps. The MD 902 Explorer twin engine, light utility helicopter is the intended flight demonstration vehicle for a future, anticipated flight test. As background to the 2008 SMART rotor test, the 1992 MDART (McDonnell Douglas Advanced Rotor Technology) rotor test is described briefly as follows.

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## **1992 MDART Rotor Test**

The McDonnell Douglas Helicopter Company (MDHC) and NASA Ames Research Center jointly conducted a test of the MDART rotor in the Ames 40- by 80-Foot Wind Tunnel in 1992. The MDART rotor is a modern, five-bladed bearingless design that incorporates elastomeric dampers to augment the damping of the blade in-plane motion. This test was the first wind tunnel test of a full-scale five-bladed bearingless rotor. It was also the first test to apply higher harmonic control (HHC) to a full-scale bearingless rotor in order to study the effect of HHC on rotor vibration, loads, and noise. Prior to the wind tunnel test, the MDART rotor underwent hover testing at the Boeing Mesa whirl stand (ref. 1). The objective of the MDART wind tunnel test program was to evaluate the aerodynamic performance and aeromechanic properties of the MDART rotor. MDART testing at Ames Research Center provided a significant amount of performance, loads, and stability data up to airspeeds of 200 knots and thrusts of 1.8 g (refs. 2–3). The measurements were compared with predictions from the University of Maryland Advanced Rotorcraft Code (UMARC) in order to improve computational prediction tools (ref. 4). The results from this 1992 wind tunnel test can be considered as a baseline data set for an unmodified MD 900 rotor.

Differences between the MDART rotor and the recent Boeing SMART rotor designs include blade spar modifications to incorporate the on-blade flaps and smart material actuators, as well as slight modifications to the flexbeams (ref. 5).

## **DESCRIPTION OF EXPERIMENT**

A modified full-scale MD 902 Explorer rotor with on-blade piezoelectric-actuated trailing-edge flaps was used to demonstrate the capabilities of active-flap technology in forward flight. The objective of the DARPA program was to demonstrate the impact of active flaps on rotor acoustics for the purpose of establishing a validation database for noise prediction tools (ref. 6). The HQP program was initiated in 2004 to develop high-fidelity state-of-the-art computational tools necessary for designing advanced helicopter rotors with reduced acoustic perceptibility and enhanced performance. A critical step towards this achievement is the development of rotorcraft prediction codes capable of assessing a wide range of helicopter configurations and operations for future rotorcraft designs. This includes novel next-generation rotor systems that incorporate innovative passive and/or active elements to meet future challenging military performance and survivability goals. Wind tunnel testing was successfully and safely concluded in 2008, meeting all DARPA HQP high-priority objectives (refs. 7–13, 20).

Under supplemental NASA funding, additional wind tunnel testing was conducted to demonstrate and quantify vibration, noise, and performance improvements. The authority, effectiveness, and reliability of the flap actuation system were demonstrated in 65 hours of testing at up to 155 knots airspeed and 7,700 lb thrust. Validation data was successfully acquired for all test conditions. The effectiveness of the flap for noise and vibration control was demonstrated conclusively, with the results showing significant reductions in blade-vortex interaction (BVI) and in-plane noise, as well as vibratory hub loads; the impact of the flap on control power and rotor smoothing was also demonstrated (refs. 5, 8–15). References 16–19 list relevant Boeing technical reports.

## **Test Setup**

The 11-week-long test in the National Full-Scale Aerodynamics Complex (NFAC) was conducted between February and April 2008. The SMART rotor was installed on Boeing's Large Rotor Test Stand (LRTS) with the rotor hub 23.8 ft above the acoustic lining of the tunnel floor (figs. 1 and 2). The LRTS was supported by two main front struts and a telescoping tail strut. Tail-strut retraction provided shaft angle-of-attack adjustment. Connected by the vertical test-stand strut, the LRTS consisted of a lower and an upper housing. The lower housing enclosed a 1,500-HP General Electric motor and transmission. The upper housing enclosed the rotor balance and hydraulic servo-actuators for the rotor primary control system. A five-component rotor balance was mounted on top of a static mast that connected to the rotor hub in the upper housing. The balance measured three forces (lift, drag, and side) and two moments (pitch and roll). Torque was passed directly to the rotor hub through the rotating drive shaft that was confined in the static mast. Rotor torque was measured on the flex coupling between the drive shaft and the rotor.

## **Rotor Hardware**

The five-bladed SMART bearingless rotor is 33.85 ft in diameter and has an HH-10 (12-percent-thick) airfoil at the in-board section and an HH-06 (9.5-percent-thick) airfoil at the outboard section. The blade region from 0.93R to the tip has a parabolic leading edge sweep (22 deg at the tip) with straight trailing edge and a 2:1 taper ratio. The active flap extends from 0.74R to 0.92R and has a flap chord of 25 percent blade chord (hinge to trailing edge) with an overhang of 40 percent, resulting in a total flap chord that is 35 percent of blade chord. The piezoelectric actuators, embedded in the blade spar, are centered at 0.74R. The actuators are designed to drive the trailing-edge flap frequencies up to 6/rev (6P) with maximum amplitude of  $\pm 3$  deg. Rotor characteristics are given in table 1.

## **Piezoelectric On-Blade Actuators**

The piezoelectric actuators consist of two X-frame mechanisms and four piezoelectric stack columns. The two X-frames are mechanically in parallel, in a push-pull configuration, thus the forces add up and displacements are constrained to be identical. The stack columns in each X-frame are mechanically and electrically preloaded to always be in compression. Applying a positive voltage to the two stack columns extends their length, reducing the enclosed angle and closing the X-frame mechanism. Flap motion control is typically achieved by supplying bias (0 to 10V DC) and dynamic ( $0 \pm 10$  V AC) voltage commands to the amplifier. The drive voltages for the two channels, i.e., inboard and outboard X-frame actuator, are set 180 deg out of phase. The bias voltage contributes to the actuator preload but ideally produces no flap deflection. The flap deflection is proportional to the dynamic voltage. Flap actuator operations were limited to a dynamic voltage of  $400 \pm 500$  V with a relative humidity (RH) < 55 percent, and  $400 \pm 600$  V with RH < 45 percent. The flap range of motion was  $\pm 3$  deg and was measured by a Hall effect sensor. Positive flap deflection is defined as trailing-edge down. Flap actuator characteristics are given in table 1.

## **Data Channels**

In addition to the microphone and rotor-balance measurements, other measurements were also made using rotating-blade, stationary, and wind-tunnel channels. Blade #1, the primary blade, was fully instrumented with rotating-blade channels that included flap, lag, and torsional strain gauges on the flexbeam, pitchcase, and blade at various spanwise stations (fig. 3). Each succeeding blade is labeled in order from 2 to 5; when blade #1 is directly over the “tail” (i.e., pointing downstream) the rotor is at 0-deg azimuth. During the test, the critical, flexbeam flap-bending gauge at  $r/R = 0.044$  (station 9) was used by the rotor operator to minimize blade 1P flapping (and hence 1P hub moments) at the desired test point; an active backup gauge (channel) was also used on blade #2 at the same station,  $r/R = 0.044$ . Other rotating system channels included the active-flap position (each blade) measured through a linear voltage differential transformer (LVDT) sensor, and the input voltage and current to the piezoelectric actuators. The stationary channels included the nonrotating swashplate position, the rotor speed, the test-stand vibration, and the inter-range instrumentation group B (IRIG-B) time code.

The standard wind-tunnel channels included the model shaft angle of attack, temperature, pressure, humidity, etc. Derived quantities like air density, advance ratio, rotor collective, etc., used data from the standard wind-tunnel channels.

## **Microphones**

During the Boeing SMART rotor test, a set of microphones was strategically placed around the model to capture rotor noise sources of interest. These microphones (figs. 2 and 4) were grouped into: a) out-of-plane fixed microphones (M1 and M4) to correlate to microphones used previously in the MDART test; b) traverse microphones (M5 through M12) that could be moved along guided rails for out-of-plane BVI noise mapping; and c) in-plane microphones (M13, M14, and M15) for low-frequency, in-plane rotor noise measurement. Microphones M13, M14, and M15 were mounted on tower struts to be near the plane of the rotor (in-plane, approximately 10 deg below wind-tunnel centerline). These microphones were also intentionally positioned along a straight line originating from the advancing blade tip to the tunnel centerline to help determine the near-field/far-field characteristics of in-plane rotor noise. With the exception of M14, all microphones were located within the acoustically treated portion of the 40- by 80-Foot Wind Tunnel test section. Acoustic data is presented in a separate report and is not included herein.

## **Data Acquisition Systems and Post-Test Data Processing**

The SMART test used two sets of data acquisition systems: the NFAC wind tunnel data system and the Boeing pulse-code modulation (PCM) data system. The 12-bit Boeing data system consisted of a rotating and a stationary unit. The stationary data unit (mounted on top aft of the right main strut) was responsible for acquiring all stationary channels, the wind-tunnel channels, the traverse microphone channels, and a reference channel. The rotating data unit (enclosed in a circular fairing on top of the rotor hub) acquired all rotating channels and transmitted them through slip rings. Both units provided signal conditioning to the sensors, and sampled and transmitted the digital data as PCM streams at 10 Mb/s. The PCM streams were then combined and recorded on a digital tape and

a computer in the wind-tunnel control room. The Boeing system acquired all data continuously at fixed sampling rates, mostly at 1250 Hz but some at 0.3333, 625, 3750, 10k, and 15k Hz.

Unlike Boeing's time-base data system, the NFAC data system acquired all data simultaneously at two rotor-synchronized rates: 256 samples/rev for wind-tunnel channels and 2048 samples/rev for all (AC-coupled) microphone channels. For each test point, 64 revolutions of data (about 9.8 sec) were recorded. Synchronized azimuth-based sampling allows the extraction of exceptional signal-to-noise ratios associated with the rotational harmonics of the rotor. Any fluctuations not associated with the rotor harmonic frequencies are naturally suppressed by the azimuth-based technique when averaged over all 64 revolutions of data.

Post-test data processing for the Boeing data involved more steps than for the NFAC data. The reference channel (a 0.2-Hz triangle signal) was used as the time alignment reference between the Boeing and the NFAC data systems. Then 64 revolutions of Boeing data were extracted for processing, and corrected for time shifting due to the sequential sampling of the PCM systems and the 7-deg offset of the 1/rev encoder. The Boeing data was then spline-fitted to 256 samples/rev and converted from raw counts into engineering units. Phase correction for the anti-aliasing filter was also applied and resulting data stored on the NASA Ames Rotor Data Management System (RDMS) data server. Because NFAC data was sampled simultaneously and synchronously with the rotor speed, the only correction to the NFAC data was the 7-deg offset of the 1/rev encoder. After the Boeing and the NFAC data were merged together onto the RDMS server, weight and aerodynamic hub tare corrections were applied to the rotor balance data.

### **Application of Tares**

At Ames Research Center, the storage system for wind tunnel test data was created by Randy Peterson and is called RDMS (Rotor Data Management System). As noted earlier, during the SMART rotor test, a Boeing five-component rotor balance was used to measure the rotor forces and moments. The rotor balance forces and moments include contributions from the hub (and control system assembly). Rotor-only data can be obtained by subtracting hub tares that include effects due to the hub. Table 2A lists the tare runs. The aerodynamic tares were obtained for tunnel speeds from 20 to 160 knots and shaft angles from -15 deg to +10 deg, all at the nominal rotor speed of 392 RPM.

Using measured data from the tare runs, the tare corrections were represented by polynomial equations. Table 2B gives the tare equations and tables 2C–2E contain the corresponding coefficients. The tares calculated from these equations should be subtracted from the balance forces and moments to obtain the rotor-only quantities. In the Static and Dynamic data appendices, the balance forces and moments have names ending in either QH or RH. The QH quantities include corrections due to aero tares (i.e., in addition to corrections due to the hub weight and shaft rotation) whereas the RH quantities do not include corrections due to aero tares.

## DATA ANALYSIS

The purpose of this data report is to document a comprehensive, high-quality data set. This data report considers only those data points where the flaps were actively controlled (voltages applied). In order to identify (and analyze) the relevant data, the RDMS SMART rotor test data set was selectively narrowed down. An initial review of the data showed that the flap controller was working as designed during runs 42–64. Starting with these runs, approximately 1250 test points were considered for detailed analysis. These 1250 points were further narrowed down to approximately 540 points through the imposition of flap deflection and phase constraints, described as follows and summarized in table 3:

- i) The first step was to remove points with *thrust* < 100 lb. This was done to eliminate points where the rotor was not spinning.
- ii) The second constraint was to exclude points with *airspeed* < 10. This separated hover points from forward-flight points. Data contained in the Rotor Smoothing appendices (described later) was not subjected to this criterion.
- iii) The next step was to eliminate points that showed blade-to-blade differences in the *mean values of the flap deflection*, with blade #1 as the reference blade. The mean flap deflection of each blade was subtracted from the mean flap deflection of blade #1. This gave the differences in mean values for blades 2, 3, 4, and 5. After a close study of the data, a mean difference of 0.3 deg for all blades was considered to be acceptable; all points that had a blade with a mean difference magnitude > 0.3 deg were eliminated.
- iv) Blade-to-blade differences in *maximum flap deflection* were handled in a manner similar to iii) above with the following exception. For the maximum flap deflection it was observed that the data could be split into the following two groups (ranges): a maximum flap amplitude range of 0–1.3 deg and 1.3–3.0 deg. The tolerance for the first group, 0–1.3 deg, was found to be  $\pm 0.15$  deg between each blade (2 to 5, relative to blade #1). The corresponding tolerance for the second group, 1.3–3 deg, was found to be  $\pm 0.21$  deg. Splitting the data set into these two groups allowed the more accurate control of the flaps at lower amplitudes to be easily seen. Blade-to-blade differences in *minimum flap deflection* were handled in the same manner as described above with the same numerical values for the two groups.
- v) Subsequent to the implementation of the flap displacement criteria (i.e., the removal of data points that failed criteria iii and iv), the flap *phase angle* was considered. The phase angle was corrected for the blade-to-blade 72-deg-azimuth shift. For harmonic amplitudes > 0.1 deg, a phase angle tolerance < 0.5 deg was established. This criterion was only used on data points where there was an active, single harmonic input; the 0-deg deflection cases were not subject to this criterion.

## PRESENTED DATA

Table 4 and Appendix A contain flap data. Overall, Appendices B through K contain primary data and specific tests data. Brief descriptions of table 4 and the appendices are given later; an outline of what constitutes primary data and specific tests data is also given later.

The Static Data and Dynamic Data channel definitions are shown in tables 5 and 6, respectively. In tables 5 and 6, the channels are listed in the order that they appear in the data appendices, not alphabetically. In the data appendices, static data is represented by the mean value of the parameter under consideration and, separately, dynamic data is represented by 15 harmonics. The equation for the dynamic data is as follows:

$$\text{Dynamic data value} = a_0 + a_1 \cos(\psi) + b_1 \sin(\psi) + a_2 \cos(2\psi) + b_2 \sin(2\psi) \dots$$

where  $\psi$  is the azimuth angle ( $\psi = 0$  deg when blade #1 is directly over the tail) and  $a_0, a_1, b_1, \dots$ , are the harmonic coefficients given in the dynamic data appendices. The “Static” and “Dynamic” *parameters* and their *descriptions* (including units and positive directions) are common to all data appendices.

The data presented in each appendix is arranged primarily by airspeed, and within the airspeed groupings the data points are arranged by their commanded harmonics (i.e., the commanded harmonic input to the flap). Within each harmonic grouping, the data points are arranged by ascending run and point number. A data CD is attached to this report.

### Definition of Flap Deflection

As background, the names of the parameters in the data appendices are based on the Boeing and RDMS naming conventions. In the current context, FLAP1C\_TS, FLAP2C\_TS, ..., FLAP5C\_TS refer to the flap deflections for blade #1, #2, ..., #5, respectively. For blade # $k$  the flap deflection is then FLAP $k$ C\_TS, and by definition:

$$\text{FLAP}k\text{C\_TS} = \sum_n A_n \cos(n \psi_k - \phi_n) \quad n = 0, 1, 2, 3, \dots, 15$$

where  $A_n$  and  $\phi_n$  are the amplitude and phase for the  $n$ 'th harmonic, respectively, and

$$\psi_k = \psi_1 - (k - 1) \frac{2\pi}{5} \quad k = 1, 2, 3, 4, 5$$

where  $\psi_1$  is the azimuth angle for blade #1.

### Flap Data (Table 4 and Appendix A)

Table 4 contains summary data for the blade #1 flap only and shows, for each test condition, the tunnel speed, flap deflection harmonics, and the corresponding amplitudes and phases. In table 4, for better overall readability and easier identification of the various flap deflection groupings (patterns), amplitudes  $< 0.09$  deg have been rounded off to 0 deg. Nevertheless, detailed data for all five flaps (cosine/sine components, 15 harmonics, no round off) is given in Appendix A.

### Primary Data (Appendices B and C)

Primary data refers to data associated with: i) the “validation” phase of the SMART rotor test (see first two paragraphs of the Description of Experiment section) that includes low-speed and high-speed cases with single and multiple harmonic flap inputs; ii) BVI noise control and in-plane noise control; and iii) open loop and closed loop control of the flap position. The bulk of the data presented in the appendices falls under primary data.

Specific tests data refers to data associated with the secondary objectives of the SMART rotor test. The list of specific tests is as follows: Rotor Smoothing, Performance, Vibration Reduction, and Control Power. Brief descriptions of the specific tests are given below.

### Rotor Smoothing Data (Appendices D and E)

In the rotor-smoothing phase of the SMART rotor test, the effectiveness of the flap for blade tracking was studied. Initial rotor tracking was accomplished by adjusting the pitch links. No trim tab adjustments were used for tracking. The blades were tracked within  $\pm 0.25$  in. during hover and checked during forward flight runs. Rotor smoothing using an active trailing-edge flap is achieved by making steady-state inputs to individual flaps. Blades #1 or #2 were selected for the steady-state inputs. Using position control, the flaps were stepped up by 1-deg increments from  $-3$  deg to 3 deg. The effectiveness of this technique was measured using the mean thrust and 1/rev roll and pitch moments resulting from the rotational lift. Test conditions for rotor smoothing are listed below. Not all of the data associated with these conditions has been subjected to the flap quality control criteria (Data Analysis section). In any case, data for all five flaps is given in the relevant dynamic data appendix (Appendix E).

Rotor Smoothing	Condition	Velocity (knots)	Advance Ratio, $\mu$	Tip Mach Number	Shaft Angle Uncorrected $\alpha$ , deg	Blade Loading, $C_T/\sigma$	Harmonic Number
	1	0	0	0.623	-10	0.028	0
	2	82	0.2	0.623	2	0.075	0
	3	124	0.3	0.623	-9.1	0.075	0

## Performance Data (Appendices F and G)

The effect of SMART actuator displacements on rotor performance was determined for several values of advance ratio, rotor shaft angle, and thrust. Rotor performance, defined here as rotor lift to equivalent drag ratio, was studied by varying the 2P flap input. The rotor performance data was obtained with the rotor trimmed for minimum 1P flapping. Two methods of achieving this were investigated: (1) setting flap actuator voltage to zero, and (2) commanding the flap deflection to zero. Both open loop and closed loop feedback control, using a continuous time higher harmonic controller (CTHHC) (ref. 11) were used to drive flap actuation. Test conditions for the performance study are listed immediately below. Not all of the data associated with these conditions has been subjected to the flap quality control criteria (Data Analysis section). In any case, data for all five flaps is given in the relevant dynamic data appendix (Appendix G).

Performance	Condition	Velocity (knots)	Advance Ratio, $\mu$	Tip Mach Number	Shaft Angle Uncorrected $\alpha$ , deg	Blade Loading, $C_T/\sigma$	Harmonic Number
	1	82	0.2	0.623	2	0.075	n/a
	2	124	0.3	0.623	-9.1	0.075	n/a
	3	124	0.3	0.623	-9.1	0.075	2
	4	124	0.3	0.623	-9.1	0.090	2

## Vibration Reduction Data (Appendices H and I)

Vibration reduction with closed loop feedback of vibratory hub loads was demonstrated using the CTHHC (ref. 11). Numerous active flap frequency sweeps were conducted to obtain data required for the flight controls objective and for determining the parameters for the closed loop CTHHC vibration controllers. Open loop flap 4P, 5P, and 6P inputs with phase sweeps were used to establish the effectiveness of the flap in reducing vibratory hub loads. The flaps were driven using open loop voltage commands without position feedback control. The effectiveness of the active flap to modify the aerodynamic loading and reduce vibratory hub loads was evaluated at two flight conditions, descent ( $\mu = 0.2$ ,  $\alpha = 2$  deg) and level flight ( $\mu = 0.3$ ,  $\alpha = -9.1$  deg). Test conditions for vibration reduction are listed immediately below. Not all of the data associated with these conditions has been subjected to the flap quality control criteria (Data Analysis section). In any case, data for all five flaps is given in the relevant dynamic data appendix (Appendix I).

Vibration Reduction	Condition	Velocity (knots)	Advance ratio, $\mu$	Tip Mach Number	Shaft Angle Uncorrected $\alpha$ , deg	Blade Loading, $C_T/\sigma$	Harmonic Number
	1	82	0.2	0.623	2	0.075	2,3,4,5,6
	2	82	0.2	0.623	2	0.075	closed loop
	3	124	0.3	0.623	-9.1	0.075	2,3,4,5,6
	4	124	0.3	0.623	-9.1	0.075	closed loop

## Control Power Data (Appendices J and K)

Control power from the active flaps was evaluated by applying equivalent steady-state collective, lateral, or longitudinal cyclic flap deflections and observing the resulting changes in normal force, roll, and pitch moment. Flaps were controlled either by individual blade control (IBC), specifying harmonic and phase, or through software implementation of a virtual swashplate (VSP), using amplitude and collective, longitudinal, and lateral cyclic commands. Flap deflections were generated from  $-3$  to  $3$  deg using the VSP software for flap inputs on each blade, or by applying steady offset for collective  $1P/90$  deg for roll and  $1P/180$  deg for pitch inputs (IBC). Results for position control flap inputs, both VSP and IBC, and comparable swashplate inputs were obtained at  $\mu = 0.2$  for level flight and descent, and for level flight at  $\mu = 0.3$ . Test conditions for the control power study are listed immediately below. Not all of the data associated with these conditions has been subjected to the flap quality control criteria (Data Analysis section). In any case, data for all five flaps is given in the relevant dynamic data appendix (Appendix K).

Control Power	Condition	Velocity (knots)	Advance Ratio, $\mu$	Tip Mach Number	Shaft Angle Uncorrected $\alpha$ , deg	Blade Loading, $C_T/\sigma$	Harmonic Number
	1	82	0.2	0.623	$-5.5$	0.075	0,1
	2	82	0.2	0.623	2	0.075	0,1
	3	124	0.3	0.623	$-9.1$	0.075	0,1

TABLE 1. BOEING SMART ROTOR AND ACTIVE FLAP CHARACTERISTICS

<b>Rotor</b>	
Rotor	Modified MD 902
Hub type	Bearingless
Number of blades	5
Radius, ft	16.925
Blade chord, ft	0.8333
Airfoil	HH-10, $t/c = 12\%$ ; $r/R < 0.74$ HH-06, $t/c = 9.5\%$ ; $0.74 < r/R < 0.84$
Tip sweep	Parabolic leading edge, $0.93 < r/R < 1$ ; $22^\circ$ at tip
Tip taper	2:1 straight trailing edge
Twist rate	$-10^\circ$
Rotor solidity	0.075
Nominal rotor speed, rpm	392
Nominal tip speed, ft/s	695
Nominal thrust, lbf	5811
Nominal $C_T/\sigma$	0.075
<b>Active Flap</b>	
Radial span	$0.74 < r/R < 0.92$
Total chord	$0.35c$
Hinge location	$0.75c$
Flap twist axis	1.0 in aft of flap leading edge
Control horn length, ft	0.75
Maximum flap angle	$\pm 3^\circ$
Flap weight, lbm	1.26

TABLE 2A. WEIGHT AND AERODYNAMIC TARE RUNS

Tare Type	Parameters	Balance Application	VKTS	RPM	Shaft Angle		
					Min	Max	Delta
Weight, hub only*	Shaft angle	Rotor, scale	0	0	-15	10	2.5
Aero, hub only	Shaft angle, Q	Rotor, scale	20	392	-10	10	2.5
“	Shaft angle, Q	Rotor, scale	40	392	-10	10	2.5
“	Shaft angle, Q	Rotor, scale	60	392	-15	10	2.5
“	Shaft angle, Q	Rotor, scale	83	392	-15	10	2.5
“	Shaft angle, Q	Rotor, scale	100	392	-15	5	2.5
“	Shaft angle, Q	Rotor, scale	123	392	-15	5	2.5
Aero, hub only	Shaft angle, Q	Rotor, scale	160	392	-15	0	2.5
Weight, hub and blades	Shaft angle	Rotor, scale	0	0	-15	10	2.5
*hub only: includes hub, PCM system, flexbeams, pitchcases, spacers, and blade bolts							

TABLE 2B. TARE EQUATIONS AND DEFINITIONS

<b>Balance Weight Tares</b>	
Weight Tare = $C_0 + C_1 \cdot \text{ALPHA} + C_2 \cdot \text{ALPHA}^2 + C_3 \cdot \text{ALPHA}^3$	
Table 2C below contains coefficients for Hub Only weight tares.	
Table 2D below contains coefficients for Hub and Blades weight tares.	
Definitions of quantities used in tare equations:	
ALPHA - model angle of attack, positive aft tilt, deg	
AF - axial force, positive aft	
NF - normal force, positive up	
SF - side force, positive right	
RM - roll moment, positive right down	
PM - pitch moment, positive nose up	
TORQ - torque	
<b>Balance Aero Tares</b>	
Aero Tare = $C_0 + C_1 \cdot \text{ALPHA} + C_2 \cdot \text{ALPHA}^2 + C_3 \cdot \text{ALPHA}^3 + C_4 \cdot Q + C_5 \cdot Q^2$	
Table 2E below contains coefficients for Aero tares.	
Definitions of quantities used in aero tare equations:	
Q - tunnel dynamic pressure, psf; low Q limit = 40 psf	
AF_LQ - axial force, low Q	AF_HQ - axial force, high Q
NF_LQ - normal force, low Q	NF_HQ - normal force, high Q
SF_LQ - side force, low Q	SF_HQ - side force, high Q
RM_LQ - roll moment, low Q	RM_HQ - roll moment, high Q
PM_LQ - pitch moment, low Q	PM_HQ - pitch moment, high Q
TORQ_LQ - torque, low Q	TORQ_HQ - torque, high Q

TABLE 2C. WEIGHT TARE COEFFICIENTS, HUB ONLY

<b>Balance Parameter</b>	<b>C0</b>	<b>C1</b>	<b>C2</b>	<b>C3</b>
AF	-1.691305E+00	1.655757E+01	0.000000E+00	0.000000E+00
SF	2.117743E+00	3.631444E-01	0.000000E+00	0.000000E+00
NF	1.817702E+00	5.953908E-03	1.505773E-01	0.000000E+00
RM	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
PM	4.630896E+01	3.478018E+02	0.000000E+00	0.000000E+00
TORQ	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00

TABLE 2D. WEIGHT TARE COEFFICIENTS, HUB AND BLADES

Balance Parameter	C0	C1	C2	C3
AF	1.001034E+00	2.075051E+01	0.000000E+00	0.000000E+00
SF	4.289667E-01	2.796167E-01	0.000000E+00	0.000000E+00
NF	1.488854E+00	-8.960540E-02	1.957093E-01	0.000000E+00
RM	-7.352142E-01	-1.201367E+00	0.000000E+00	0.000000E+00
PM	-4.019923E+00	4.126131E+02	0.000000E+00	0.000000E+00
TORQ	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00

TABLE 2E. AERO TARE COEFFICIENTS, LOW Q AND HIGH Q

Balance Parameter	C0	C1	C2	C3	C4	C5
AF_LQ	3.881907E+00	-1.120428E+00	-9.827533E-03	0.000000E+00	4.850064E+00	-5.536345E-02
SF_LQ	-2.223489E+01	-6.031635E-01	1.646007E-02	0.000000E+00	1.323221E+00	-3.029369E-02
NF_LQ	-3.812830E+01	4.528262E+00	-1.346983E-01	0.000000E+00	-8.612717E-01	2.289960E-02
RM_LQ	2.058478E+02	-4.434629E+01	8.886048E-01	0.000000E+00	-4.541127E+01	8.730140E-01
PM_LQ	2.436985E+02	1.813548E+01	-3.355353E-01	0.000000E+00	1.652905E+02	-5.682494E-01
TORQ_LQ	1.372806E+03	-3.995817E+00	-9.904822E-02	0.000000E+00	2.591232E+01	-1.399290E-01
AF_HQ	-1.256297E+03	-2.667705E+00	-5.631534E-02	0.000000E+00	4.218022E+01	-2.886283E-01
SF_HQ	4.381576E+02	-1.291143E+00	-4.995566E-02	0.000000E+00	-1.412227E+01	1.028980E-01
NF_HQ	4.324267E+03	1.431197E+01	-2.954570E-01	0.000000E+00	-1.361759E+02	1.009154E+00
RM_HQ	1.157890E+04	-1.207638E+02	-2.345527E-01	0.000000E+00	-3.848517E+02	2.819026E+00
PM_HQ	3.804207E+03	3.566646E+01	-3.471112E+00	0.000000E+00	4.334100E+01	6.925872E-01
TORQ_HQ	-5.382545E+03	-1.671881E+01	-5.419343E-01	0.000000E+00	2.360837E+02	-1.651233E+00

TABLE 3. PARAMETERS AND CONSTRAINTS USED IN DATA SELECTION AND ANALYSIS

<b>Data Set Parameter</b>	<b>Constraint (Criteria iii-v: difference is from blade #1)</b>
i) Thrust	Thrust < 100 lb
ii) Airspeed	Airspeed < 10 knots
iii) Flap mean deflection	Difference > $0.3^{\circ}$
iv) Flap max deflection group 1, amp $0^{\circ}$ – $1.3^{\circ}$	Difference > $0.15^{\circ}$
Flap max deflection group 2, amp $1.3^{\circ}$ – $3^{\circ}$	Difference > $0.21^{\circ}$
Flap min deflection group 1, amp $0^{\circ}$ – $1.3^{\circ}$	Difference > $0.15^{\circ}$
Flap min deflection group 2, amp $1.3^{\circ}$ – $3^{\circ}$	Difference > $0.21^{\circ}$
v) Flap phase angle, amp > $0.1^{\circ}$	Difference > $0.5^{\circ}$

TABLE 4. AMPLITUDE AND PHASE DATA FOR BLADE#1 FLAP (FLAP1C\_TS)

Run	Pt.	VKTS	Harmonic	Amp.						Phase					
				0P	1P	2P	3P	4P	5P	0P	1P	2P	3P	4P	5P
42	27	83	None	0	0	0	0	0	0						
42	28	83	2, 5	0	0	<b>0.98</b>	0	0	<b>0.49</b>			-152			116
42	29	83	2, 5	0	0	<b>0.99</b>	0	0	<b>0.50</b>			-152			116
42	30	83	2, 5	0	0	<b>1.47</b>	0	0	<b>0.74</b>			-152			116
42	106	123	None	0	0	0	0	0	0						
42	108	123	3	0	0	0	<b>1.98</b>	0	0				28		
42	109	124	3	0	0	0	<b>1.97</b>	0	0				28		
42	111	123	None	0	0	0	0	0	0						
44	38	83	3	0	0	0	<b>1.48</b>	0	0				-152		
44	39	83	3	0	0	0	<b>1.47</b>	0	0				-167		
44	40	83	3	0	0	0	<b>1.47</b>	0	0				-137		
44	45	83	4	0	0	0	0	<b>1.48</b>	0					-18	
44	46	83	4	0	0	0	0	<b>1.48</b>	0					11	
44	51	83	5	0	0	0	0	0	<b>1.49</b>						86
44	52	83	5	0	0	0	0	0	<b>1.49</b>						71
44	53	83	5	0	0	0	0	0	<b>1.49</b>						101
44	54	83	None	0	0	0	0	0	0						
44	55	83	None	0	0	0	0	0	0						
44	56	83	None	0	0	0	0	0	0						
44	57	83	None	0	0	0	0	0	0						
44	58	83	None	0	0	0	0	0	0						
44	60	83	None	0	0	0	0	0	0						
44	61	83	None	0	0	0	0	0	0						
44	62	83	None	0	0	0	0	0	0						
44	64	83	None	0	0	0	0	0	0						
44	65	83	None	0	0	0	0	0	0						
44	66	83	None	0	0	0	0	0	0						
44	68	83	2	0	0	<b>1.48</b>	0	0	0			-2			
44	70	83	2	0	0	<b>1.48</b>	0	0	0			-2			
44	71	83	2	0	0	<b>1.48</b>	0	0	0			-1			
44	74	83	2	0	0	<b>1.48</b>	0	0	0			-2			
44	75	83	2	0	0	<b>1.48</b>	0	0	0			-2			
44	76	83	2	0	0	<b>1.48</b>	0	0	0			-2			
44	77	83	2	0	0	<b>1.48</b>	0	0	0			-2			
44	78	83	2	0	0	<b>1.48</b>	0	0	0			-1			
44	79	83	2	0	0	<b>1.48</b>	0	0	0			-2			
45	31	83	2	0	0	<b>1.49</b>	0	0	0			88			

TABLE 4. (CONTINUED)

Run	Pt.	VKTS	Harmonic	Amp.						Phase					
				0P	1P	2P	3P	4P	5P	0P	1P	2P	3P	4P	5P
45	32	83	2	0	0	1.49	0	0	0			58			
45	33	83	2	0	0	1.48	0	0	0			28			
45	35	83	2	0	0	1.47	0	0	0			-32			
45	36	83	2	0	0	1.48	0	0	0			-62			
45	37	83	2	0	0	1.49	0	0	0			-92			
45	38	83	2	0	0	1.49	0	0	0			-122			
45	39	83	2	0	0	1.49	0	0	0			-152			
45	40	83	2	0	0	1.49	0	0	0			179			
45	41	83	2	0	0	1.49	0	0	0			148			
45	42	83	2	0	0	1.49	0	0	0			118			
45	43	83	2	0	0	1.49	0	0	0			88			
45	44	83	2	0	0	1.49	0	0	0			148			
45	46	83	2	0	0	1.48	0	0	0			148			
45	47	83	2	0	0	1.98	0	0	0			148			
45	48	83	2	0	0	2.48	0	0	0			148			
45	50	83	2	0	0	1.48	0	0	0			-2			
45	51	83	2	0	0	2.48	0	0	0			-2			
45	52	83	2	0	0	2.48	0	0	0			-17			
45	53	83	2	0	0	1.98	0	0	0			-16			
46	29	124	3	0	0	0	1.48	0	0				88		
46	30	123	3	0	0	0	1.48	0	0				58		
46	31	124	3	0	0	0	1.48	0	0				28		
46	32	124	3	0	0	0	1.48	0	0				-2		
46	33	124	3	0	0	0	1.48	0	0				-32		
46	34	123	3	0	0	0	1.48	0	0				-62		
46	35	123	3	0	0	0	1.48	0	0				-92		
46	36	124	3	0	0	0	1.48	0	0				-122		
46	38	123	3	0	0	0	1.47	0	0				178		
46	39	123	3	0	0	0	1.48	0	0				148		
46	40	123	3	0	0	0	1.48	0	0				118		
46	41	123	3	0	0	0	1.48	0	0				88		
46	42	123	None	0	0	0	0	0	0						
46	43	123	3	0	0	0	1.48	0	0				-152		
46	44	123	3	0	0	0	1.48	0	0				-142		
46	45	123	3	0	0	0	1.48	0	0				-162		
46	47	123	None	0	0	0	0	0	0						
46	49	123	5	0	0	0	0	0	1.49						56
46	51	123	5	0	0	0	0	0	1.49						-4

TABLE 4. (CONTINUED)

Run	Pt.	VKTS	Harmonic	Amp.						Phase					
				0P	1P	2P	3P	4P	5P	0P	1P	2P	3P	4P	5P
46	53	123	5	0	0	0	0	0	1.49						-64
46	54	123	5	0	0	0	0	0	1.49						-94
46	55	123	5	0	0	0	0	0	1.49						-124
46	56	123	5	0	0	0	0	0	1.49						-154
46	57	123	5	0	0	0	0	0	1.49						177
46	58	123	5	0	0	0	0	0	1.49						146
46	59	123	5	0	0	0	0	0	1.49						116
46	62	123	5	0	0	0	0	0	1.49						-4
46	64	124	None	0	0	0	0	0	0						
46	65	124	5	0	0	0	0	0	1.49						7
46	66	124	5	0	0	0	0	0	1.49						-14
46	67	124	5	0	0	0	0	0	1.50						16
46	89	123	3	0	0	0	1.97	0	0				28		
46	90	123	None	0	0	0	0	0	0						
46	94	123	None	0	0	0	0	0	0						
48	39	82	None	0	0	0	0	0	0						
48	40	82	0	1.04	0	0	0	0	0	0					
48	41	82	0	2.03	0	0	0	0	0	0					
48	43	82	0	0.95	0	0	0	0	0	-180					
48	44	82	0	1.96	0	0	0	0	0	-180					
48	46	82	None	0	0	0	0	0	0						
48	49	82	1	0	0.99	0	0	0	0		-91				
48	50	82	1	0	1.99	0	0	0	0		-91				
48	52	82	None	0	0	0	0	0	0						
48	54	82	1	0	1.99	0	0	0	0		-1				
48	56	82	1	0	0.99	0	0	0	0		179				
48	57	82	1	0	1.99	0	0	0	0		179				
48	59	82	None	0	0	0	0	0	0						
48	78	82	None	0	0	0	0	0	0						
48	79	82	0	1.03	0	0	0	0	0	0					
48	80	82	0	2.02	0	0	0	0	0	0					
48	82	82	0	0.96	0	0	0	0	0	-180					
48	83	82	0	1.96	0	0	0	0	0	-180					
48	85	82	None	0	0	0	0	0	0						
48	86	82	1	0	0.99	0	0	0	0		89				
48	87	82	1	0	1.99	0	0	0	0		89				
48	89	82	1	0	0.99	0	0	0	0		-91				
48	90	82	1	0	1.99	0	0	0	0		-91				

TABLE 4. (CONTINUED)

Run	Pt.	VKTS	Harmonic	Amp.						Phase					
				0P	1P	2P	3P	4P	5P	0P	1P	2P	3P	4P	5P
48	92	82	None	0	0	0	0	0	0						
48	93	82	1	0	0.99	0	0	0	0		-1				
48	96	82	1	0	0.99	0	0	0	0		179				
48	97	82	1	0	1.99	0	0	0	0		179				
49	19	82	None	0	0	0	0	0	0						
49	20	83	3	0	0	0	1.48	0	0				87		
49	21	83	3	0	0	0	1.48	0	0				58		
49	22	83	3	0	0	0	1.48	0	0				27		
49	23	82	3	0	0	0	1.48	0	0				-2		
49	24	82	3	0	0	0	1.48	0	0				-32		
49	25	82	3	0	0	0	1.48	0	0				-62		
49	26	82	3	0	0	0	1.48	0	0				-92		
49	27	82	3	0	0	0	1.48	0	0				-122		
49	28	82	3	0	0	0	1.48	0	0				-123		
49	29	82	3	0	0	0	1.48	0	0				-152		
49	30	83	3	0	0	0	1.48	0	0				178		
49	31	82	3	0	0	0	1.48	0	0				148		
49	32	82	3	0	0	0	1.48	0	0				118		
49	33	82	3	0	0	0	1.48	0	0				87		
49	34	82	4	0	0	0	0	1.48	0					87	
49	35	82	4	0	0	0	0	1.48	0					57	
49	36	82	4	0	0	0	0	1.48	0					27	
49	37	82	4	0	0	0	0	1.48	0					-3	
49	38	82	4	0	0	0	0	1.48	0					-33	
49	39	82	4	0	0	0	0	1.48	0					-63	
49	40	82	4	0	0	0	0	1.48	0					-93	
49	41	82	4	0	0	0	0	1.48	0					-123	
49	42	82	4	0	0	0	0	1.48	0					-154	
49	43	82	4	0	0	0	0	1.48	0					177	
49	45	82	4	0	0	0	0	1.48	0					117	
49	46	82	4	0	0	0	0	1.48	0					87	
49	47	82	None	0	0	0	0	0	0						
49	49	83	5	0	0	0	0	0	1.49						56
49	50	83	5	0	0	0	0	0	1.49						-125
49	53	83	5	0	0	0	0	0	1.49						-64
49	54	83	5	0	0	0	0	0	1.49						-94
49	55	82	5	0	0	0	0	0	1.49						-124
49	56	82	5	0	0	0	0	0	1.49						-154

TABLE 4. (CONTINUED)

Run	Pt.	VKTS	Harmonic	Amp.						Phase					
				0P	1P	2P	3P	4P	5P	0P	1P	2P	3P	4P	5P
49	57	83	5	0	0	0	0	0	1.49						176
49	58	83	5	0	0	0	0	0	1.49						147
49	59	83	5	0	0	0	0	0	1.49						116
49	60	83	5	0	0	0	0	0	1.49						86
49	61	83	2	0	0	1.48	0	0	0			88			
49	62	82	2	0	0	1.48	0	0	0			58			
49	63	82	2	0	0	1.48	0	0	0			28			
49	64	82	2	0	0	1.48	0	0	0			-2			
49	65	83	2	0	0	1.48	0	0	0			-32			
49	66	83	2	0	0	1.48	0	0	0			-61			
49	67	83	2	0	0	1.48	0	0	0			-92			
49	68	82	2	0	0	1.48	0	0	0			-122			
49	69	83	2	0	0	1.48	0	0	0			-152			
49	70	83	2	0	0	1.48	0	0	0			178			
49	71	83	2	0	0	1.48	0	0	0			148			
49	72	83	2	0	0	1.48	0	0	0			118			
49	73	82	2	0	0	1.48	0	0	0			88			
49	74	83	None	0	0	0	0	0	0						
49	75	83	3	0	0	0	1.48	0	0				-93		
49	76	83	4	0	0	0	0	1.48	0					57	
49	77	83	5	0	0	0	0	0	1.49						147
49	78	82	2	0	0	1.48	0	0	0			149			
49	79	83	3	0	0	0	1.48	0	0				-92		
49	80	83	3	0	0	0	1.97	0	0				-92		
49	81	83	3	0	0	0	2.46	0	0				-93		
49	82	83	3	0	0	0	0.98	0	0				-92		
49	83	83	3	0	0	0	1.48	0	0				-93		
49	84	83	3	0	0	0	1.48	0	0				-92		
49	85	83	3	0	0	0	1.48	0	0				-92		
49	86	83	3	0	0	0	1.48	0	0				-92		
49	87	83	3	0	0	0	1.48	0	0				-92		
49	88	83	3	0	0	0	1.48	0	0				-92		
49	89	83	3	0	0	0	1.48	0	0				-92		
49	90	83	3	0	0	0	1.48	0	0				-92		
49	91	83	3	0	0	0	1.48	0	0				-92		
49	92	83	3	0	0	0	1.48	0	0				-92		
49	93	83	3	0	0	0	1.48	0	0				-92		
49	94	83	3	0	0	0	1.48	0	0				-92		

TABLE 4. (CONTINUED)

Run	Pt.	VKTS	Harmonic	Amp.						Phase					
				0P	1P	2P	3P	4P	5P	0P	1P	2P	3P	4P	5P
49	95	83	3	0	0	0	1.48	0	0				-92		
49	96	83	3	0	0	0	1.48	0	0				-92		
49	97	83	3	0	0	0	1.48	0	0				-92		
49	98	83	None	0	0	0	0	0	0						
49	99	83	None	0	0	0	0	0	0						
49	100	83	None	0	0	0	0	0	0						
49	101	83	None	0	0	0	0	0	0						
49	102	83	None	0	0	0	0	0	0						
49	103	83	None	0	0	0	0	0	0						
49	104	83	None	0	0	0	0	0	0						
49	105	83	None	0	0	0	0	0	0						
49	106	83	None	0	0	0	0	0	0						
49	107	83	None	0	0	0	0	0	0						
49	108	83	None	0	0	0	0	0	0						
49	109	83	None	0	0	0	0	0	0						
49	110	83	None	0	0	0	0	0	0						
49	111	83	None	0	0	0	0	0	0						
49	112	83	None	0	0	0	0	0	0						
49	113	83	None	0	0	0	0	0	0						
52	18	62	None	0	0	0	0	0	0						
52	19	62	None	0	0	0	0	0	0						
52	20	62	None	0	0	0	0	0	0						
52	21	62	None	0	0	0	0	0	0						
52	22	62	None	0	0	0	0	0	0						
52	23	62	None	0	0	0	0	0	0						
52	24	62	None	0	0	0	0	0	0						
52	25	62	None	0	0	0	0	0	0						
52	26	62	None	0	0	0	0	0	0						
52	27	62	None	0	0	0	0	0	0						
52	28	62	None	0	0	0	0	0	0						
52	29	62	None	0	0	0	0	0	0						
52	30	62	None	0	0	0	0	0	0						
52	31	62	None	0	0	0	0	0	0						
52	32	62	None	0	0	0	0	0	0						
52	33	62	None	0	0	0	0	0	0						
52	34	62	None	0	0	0	0	0	0						
52	35	62	None	0	0	0	0	0	0						
52	36	62	None	0	0	0	0	0	0						

TABLE 4. (CONTINUED)

Run	Pt.	VKTS	Harmonic	Amp.						Phase					
				0P	1P	2P	3P	4P	5P	0P	1P	2P	3P	4P	5P
52	37	62	None	0	0	0	0	0	0						
52	38	62	None	0	0	0	0	0	0						
52	39	62	None	0	0	0	0	0	0						
52	40	62	3	0	0	0	1.48	0	0				88		
52	41	62	None	0	0	0	0	0	0						
52	42	62	3	0	0	0	1.48	0	0				87		
52	43	62	3	0	0	0	1.48	0	0				58		
52	44	62	3	0	0	0	1.48	0	0				28		
52	45	62	3	0	0	0	1.48	0	0				-3		
52	46	62	3	0	0	0	1.48	0	0				-33		
52	47	62	3	0	0	0	1.48	0	0				-62		
52	48	62	3	0	0	0	1.48	0	0				-92		
52	49	62	3	0	0	0	1.48	0	0				-123		
52	50	62	3	0	0	0	1.48	0	0				-153		
52	51	62	3	0	0	0	1.48	0	0				177		
52	52	62	3	0	0	0	1.48	0	0				147		
52	53	62	3	0	0	0	1.48	0	0				117		
52	54	62	3	0	0	0	1.48	0	0				88		
52	55	62	4	0	0	0	0	1.48	0					87	
52	56	62	4	0	0	0	0	1.48	0					56	
52	57	62	4	0	0	0	0	1.48	0					27	
52	58	62	4	0	0	0	0	1.48	0					-3	
52	59	62	4	0	0	0	0	1.48	0					-33	
52	60	62	4	0	0	0	0	1.49	0					-63	
52	61	62	4	0	0	0	0	1.48	0					-93	
52	62	62	4	0	0	0	0	1.48	0					-123	
52	63	62	4	0	0	0	0	1.48	0					-153	
52	64	62	4	0	0	0	0	1.48	0					177	
52	65	62	4	0	0	0	0	1.48	0					147	
52	66	62	4	0	0	0	0	1.48	0					117	
52	67	62	4	0	0	0	0	1.48	0					86	
52	68	62	None	0	0	0	0	0	0						
52	69	62	5	0	0	0	0	0	1.49						86
52	70	62	5	0	0	0	0	0	1.49						56
52	71	62	5	0	0	0	0	0	1.49						26
52	72	62	5	0	0	0	0	0	1.49						-4
52	74	62	5	0	0	0	0	0	1.49						-64
52	75	62	5	0	0	0	0	0	1.49						-95

TABLE 4. (CONTINUED)

Run	Pt.	VKTS	Harmonic	Amp.						Phase					
				0P	1P	2P	3P	4P	5P	0P	1P	2P	3P	4P	5P
52	76	62	5	0	0	0	0	0	1.49						-124
52	77	62	5	0	0	0	0	0	1.49						-94
52	78	62	5	0	0	0	0	0	1.50						-154
52	79	62	5	0	0	0	0	0	1.49						176
52	80	62	5	0	0	0	0	0	1.49						146
52	81	62	5	0	0	0	0	0	1.49						116
52	82	62	5	0	0	0	0	0	1.49						86
52	83	62	2	0	0	1.48	0	0	0			88			
52	84	62	2	0	0	1.48	0	0	0			58			
52	85	62	2	0	0	1.49	0	0	0			28			
52	86	62	2	0	0	1.49	0	0	0			-2			
52	87	62	2	0	0	1.48	0	0	0			29			
52	88	62	2	0	0	1.48	0	0	0			-32			
52	89	62	2	0	0	1.48	0	0	0			-62			
52	90	62	2	0	0	1.48	0	0	0			-92			
52	91	62	2	0	0	1.48	0	0	0			-122			
52	92	62	2	0	0	1.48	0	0	0			-152			
52	93	62	2	0	0	1.48	0	0	0			178			
52	94	62	2	0	0	1.48	0	0	0			149			
52	95	62	2	0	0	1.48	0	0	0			119			
52	96	62	2	0	0	1.48	0	0	0			89			
52	97	62	None	0	0	0	0	0	0						
52	98	62	2	0	0	1.48	0	0	0			-91			
52	99	62	3	0	0	0	1.48	0	0				-93		
52	100	62	4	0	0	0	0	1.48	0					27	
52	101	62	3	0	0	0	1.48	0	0				-62		
52	102	62	4	0	0	0	0	1.48	0					56	
52	103	62	5	0	0	0	0	0	1.50						146
52	104	62	3	0	0	0	1.48	0	0				142		
52	105	62	None	0	0	0	0	0	0						
52	106	62	4	0	0	0	0	1.98	0					57	
52	107	62	4	0	0	0	0	0.99	0					56	
52	108	62	4	0	0	0	0	1.48	0					57	
52	109	62	4	0	0	0	0	1.48	0					57	
52	110	62	4	0	0	0	0	1.48	0					57	
52	111	62	4	0	0	0	0	1.48	0					56	
52	112	62	4	0	0	0	0	1.48	0					57	
52	113	62	4	0	0	0	0	1.49	0					57	

TABLE 4. (CONTINUED)

Run	Pt.	VKTS	Harmonic	Amp.						Phase					
				0P	1P	2P	3P	4P	5P	0P	1P	2P	3P	4P	5P
52	114	62	4	0	0	0	0	1.48	0					57	
52	115	62	4	0	0	0	0	1.48	0					56	
52	116	62	4	0	0	0	0	1.48	0					57	
52	117	62	4	0	0	0	0	1.48	0					57	
52	118	62	4	0	0	0	0	1.48	0					57	
52	119	62	4	0	0	0	0	1.48	0					56	
52	120	62	4	0	0	0	0	1.48	0					57	
52	121	62	4	0	0	0	0	1.48	0					57	
52	122	62	4	0	0	0	0	1.48	0					57	
52	123	62	4	0	0	0	0	1.48	0					57	
52	124	62	None	0	0	0	0	0	0						
52	125	62	None	0	0	0	0	0	0						
52	126	62	None	0	0	0	0	0	0						
52	127	62	None	0	0	0	0	0	0						
52	128	62	None	0	0	0	0	0	0						
52	129	62	None	0	0	0	0	0	0						
52	130	62	None	0	0	0	0	0	0						
52	131	62	None	0	0	0	0	0	0						
52	132	63	None	0	0	0	0	0	0						
52	133	62	None	0	0	0	0	0	0						
52	134	62	None	0	0	0	0	0	0						
52	135	62	None	0	0	0	0	0	0						
52	136	62	None	0	0	0	0	0	0						
54	11	123	None	0	0	0	0	0	0						
54	13	123	0	2.03	0	0	0	0	0	0					
54	16	123	0	1.96	0	0	0	0	0	-180					
54	18	123	None	0	0	0	0	0	0						
54	19	123	1	0	0.99	0	0	0	0		89				
54	23	123	1	0	1.99	0	0	0	0		-90				
54	25	123	None	0	0	0	0	0	0						
54	26	123	1	0	0.99	0	0	0	0		-1				
54	27	123	1	0	1.99	0	0	0	0		-1				
54	29	123	1	0	0.99	0	0	0	0		180				
54	30	123	1	0	1.99	0	0	0	0		-180				
54	33	123	None	0	0	0	0	0	0						
54	34	123	3, 5	0	0	0	0.69	0	0.79				-172		17
54	35	123	None	0	0	0	0	0	0						
54	36	123	4	0	0	0	0	0.99	0					88	

TABLE 4. (CONTINUED)

Run	Pt.	VKTS	Harmonic	Amp.						Phase					
				0P	1P	2P	3P	4P	5P	0P	1P	2P	3P	4P	5P
54	39	123	4	0	0	0	0	0.99	0					-4	
54	43	123	4	0	0	0	0	1.00	0					-121	
54	46	123	4	0	0	0	0	0.99	0					149	
54	48	123	4	0	0	0	0	0.99	0					87	
54	50	123	2	0	0	1.48	0	0	0			90			
54	51	123	2	0	0	1.47	0	0	0			58			
54	52	123	2	0	0	1.48	0	0	0			28			
54	53	123	2	0	0	1.49	0	0	0			-1			
54	54	123	2	0	0	1.49	0	0	0			-31			
54	55	123	2	0	0	1.49	0	0	0			-61			
54	56	123	2	0	0	1.49	0	0	0			-90			
54	57	123	2	0	0	1.50	0	0	0			-123			
54	58	123	2	0	0	1.49	0	0	0			-150			
54	59	123	2	0	0	1.49	0	0	0			-180			
54	60	123	2	0	0	1.50	0	0	0			149			
54	61	123	2	0	0	1.48	0	0	0			119			
54	62	123	2	0	0	1.49	0	0	0			89			
54	63	123	None	0	0	0	0	0	0						
54	64	123	3, 5	0	0	0	0.69	0	0.80				-170		20
54	65	123	3, 5	0	0	0	1.08	0	0.99				-180		27
54	66	123	None	0	0	0	0	0	0						
55	18	124	None	0	0	0	0	0	0						
55	23	124	2	0	0	1.48	0	0	0			88			
55	24	124	1	0	1.99	0	0	0	0		91				
55	25	124	2	0	0	1.48	0	0	0			90			
55	26	124	2	0	0	1.99	0	0	0			86			
55	29	124	None	0	0	0	0	0	0						
55	30	124	2, 3	0	0	0.99	0.99	0	0			88	-163		
55	31	124	2, 3	0	0	0.99	0.98	0	0			58	-164		
55	32	124	2, 3	0	0	0.98	0.99	0	0			29	-162		
55	33	124	2, 3	0	0	1.00	0.99	0	0			0	-162		
55	34	124	2, 3	0	0	0.98	0.99	0	0			-32	-163		
55	35	124	2, 3	0	0	0.99	0.99	0	0			-61	-163		
55	36	124	2, 3	0	0	0.98	0.99	0	0			-92	-164		
55	37	124	2, 3	0	0	1.00	0.98	0	0			-120	-160		
55	38	124	2, 3	0	0	0.98	0.99	0	0			-151	-163		
55	39	124	2, 3	0	0	0.99	0.98	0	0			179	-162		
55	40	124	2, 3	0	0	0.98	0.98	0	0			146	-167		

TABLE 4. (CONTINUED)

Run	Pt.	VKTS	Harmonic	Amp.						Phase					
				0P	1P	2P	3P	4P	5P	0P	1P	2P	3P	4P	5P
55	41	124	2, 3	0	0	0.99	0.97	0	0			120	-160		
55	42	124	2, 3	0	0	0.99	0.99	0	0			88	-163		
55	44	124	3, 4	0	0	0	0.98	0.99	0				-160	90	
55	45	125	3, 4	0	0	0	0.98	1.00	0				-160	60	
55	46	124	3, 4	0	0	0	0.99	0.99	0				-164	25	
55	47	125	3, 4	0	0	0	0.98	0.99	0				-162	-2	
55	48	124	3, 4	0	0	0	0.99	0.74	0				-163	-34	
55	49	125	3, 4	0	0	0	0.99	0.49	0				7	162	
55	50	124	3, 4	0	0	0	0.99	0.49	0				-165	-96	
55	51	125	3, 4	0	0	0	0.98	0.49	0				-161	-122	
55	52	124	3, 4	0	0	0	0.98	0.74	0				-161	-150	
55	53	125	3, 4	0	0	0	0.98	0.98	0				-158	-178	
55	54	125	3, 4	0	0	0	0.98	0.99	0				-161	149	
55	55	125	3, 4	0	0	0	0.98	0.99	0				-163	116	
55	56	125	3, 4	0	0	0	0.98	1.00	0				-162	88	
55	57	124	None	0	0	0	0	0	0						
55	64	125	None	0	0	0	0	0	0						
55	71	125	None	0	0	0	0	0	0						
55	73	124	None	0	0	0	0	0	0						
55	75	124	None	0	0	0	0	0	0						
55	77	125	None	0	0	0	0	0	0						
55	79	125	None	0	0	0	0	0	0						
57	34	124	None	0	0	0	0	0	0						
57	36	124	2, 3	0	0	0.99	1.48	0	0			88	-163		
57	40	124	2, 3	0	0	0.99	1.48	0	0			89	-162		
57	42	124	3, 4	0	0	0	0.99	0.50	0				-163	-93	
57	43	124	3, 4	0	0	0	1.48	0.50	0				-163	-94	
57	44	124	3, 4	0	0	0	1.48	0.74	0				-162	-93	
57	45	124	3, 4	0	0	0	0.49	0.98	0				-162	-93	
57	46	124	3, 4	0	0	0	0.50	1.00	0				-163	-93	
57	54	125	None	0	0	0	0	0	0						
57	55	125	2	0	0	1.48	0	0	0			88			
57	56	125	2	0	0	1.48	0	0	0			58			
57	57	125	2	0	0	1.47	0	0	0			28			
57	58	125	2	0	0	1.48	0	0	0			-1			
57	59	125	2	0	0	1.48	0	0	0			-32			
57	60	125	2	0	0	1.48	0	0	0			-62			
57	61	125	2	0	0	1.48	0	0	0			-92			

TABLE 4. (CONTINUED)

Run	Pt.	VKTS	Harmonic	Amp.						Phase					
				0P	1P	2P	3P	4P	5P	0P	1P	2P	3P	4P	5P
57	62	125	2	0	0	1.47	0	0	0			-122			
57	63	125	2	0	0	1.48	0	0	0			-152			
57	64	125	2	0	0	1.49	0	0	0			179			
57	65	124	2	0	0	1.49	0	0	0			148			
57	66	125	2	0	0	1.49	0	0	0			118			
57	67	125	2	0	0	1.48	0	0	0			88			
57	68	125	None	0	0	0	0	0	0						
57	73	104	None	0	0	0	0	0	0						
57	74	104	None	0	0	0	0	0	0						
57	75	104	None	0	0	0	0	0	0						
57	76	104	None	0	0	0	0	0	0						
57	77	104	None	0	0	0	0	0	0						
57	78	104	None	0	0	0	0	0	0						
57	79	104	None	0	0	0	0	0	0						
57	80	104	None	0	0	0	0	0	0						
57	81	104	None	0	0	0	0	0	0						
57	82	104	None	0	0	0	0	0	0						
57	83	104	None	0	0	0	0	0	0						
57	84	104	None	0	0	0	0	0	0						
57	85	104	None	0	0	0	0	0	0						
58	18	62	None	0	0	0	0	0	0						
58	19	62	4	0	0	0	0	1.48	0					57	
58	20	62	2, 3, 4, 5	0	0	0.12	0.60	0.39	0.19			162	-14	55	-132
58	21	62	2, 3, 4, 5	0	0	0.29	0.78	0.48	0.25			127	-11	44	-104
58	22	62	2, 3, 4, 5	0	0	0.49	0.94	0.54	0.32			121	-6	37	-93
58	23	62	2, 3, 4, 5	0	0	0.70	1.11	0.61	0.39			119	-4	28	-88
58	24	62	None	0	0	0	0	0	0						
58	28	68	None	0	0	0	0	0	0						
58	29	68	None	0	0	0	0	0	0						
58	30	68	None	0	0	0	0	0	0						
58	31	68	None	0	0	0	0	0	0						
58	32	68	None	0	0	0	0	0	0						
58	33	68	None	0	0	0	0	0	0						
58	34	68	None	0	0	0	0	0	0						
58	35	68	None	0	0	0	0	0	0						
58	36	67	None	0	0	0	0	0	0						
58	37	68	None	0	0	0	0	0	0						
58	38	67	None	0	0	0	0	0	0						

TABLE 4. (CONTINUED)

Run	Pt.	VKTS	Harmonic	Amp.						Phase					
				0P	1P	2P	3P	4P	5P	0P	1P	2P	3P	4P	5P
58	39	68	None	0	0	0	0	0	0						
58	40	68	None	0	0	0	0	0	0						
58	41	68	None	0	0	0	0	0	0						
58	42	68	None	0	0	0	0	0	0						
58	43	68	None	0	0	0	0	0	0						
58	44	68	None	0	0	0	0	0	0						
58	45	68	3	0	0	0	1.48	0	0				88		
58	46	68	3	0	0	0	1.48	0	0				-3		
58	47	68	3	0	0	0	1.48	0	0				-33		
58	48	68	3	0	0	0	1.48	0	0				-62		
58	49	68	3	0	0	0	1.48	0	0				-93		
58	50	68	3	0	0	0	1.48	0	0				-123		
58	51	68	3	0	0	0	1.48	0	0				-153		
58	52	68	4	0	0	0	0	1.49	0					86	
58	53	68	4	0	0	0	0	1.49	0					57	
58	54	68	4	0	0	0	0	1.49	0					27	
58	55	68	4	0	0	0	0	1.49	0					-3	
58	56	68	4	0	0	0	0	1.48	0					-33	
58	57	68	4	0	0	0	0	1.49	0					116	
58	58	68	4	0	0	0	0	1.48	0					147	
58	59	68	None	0	0	0	0	0	0						
58	68	68	4	0	0	0	0	1.49	0					-63	
58	69	68	4	0	0	0	0	1.49	0					-33	
58	70	68	3	0	0	0	1.48	0	0				-93		
58	71	68	3	0	0	0	1.48	0	0				-93		
58	72	68	3	0	0	0	1.48	0	0				-93		
58	73	68	3	0	0	0	1.48	0	0				-93		
58	74	68	3	0	0	0	1.48	0	0				-92		
58	75	68	3	0	0	0	1.48	0	0				-92		
58	76	68	3	0	0	0	1.48	0	0				-92		
58	77	68	3	0	0	0	1.48	0	0				-93		
58	78	68	3	0	0	0	1.48	0	0				-93		
58	79	68	3	0	0	0	1.48	0	0				-93		
58	80	68	3	0	0	0	1.48	0	0				-92		
58	81	68	3	0	0	0	1.49	0	0				-93		
58	82	68	3	0	0	0	1.48	0	0				-93		
58	83	68	3	0	0	0	1.48	0	0				-92		
58	84	68	3	0	0	0	1.48	0	0				-93		

TABLE 4. (CONTINUED)

Run	Pt.	VKTS	Harmonic	Amp.						Phase					
				0P	1P	2P	3P	4P	5P	0P	1P	2P	3P	4P	5P
58	85	68	3	0	0	0	1.48	0	0				-92		
61	12	84	None	0	0	0	0	0	0						
61	13	84	3	0	0	0	1.49	0	0				-93		
61	14	84	3	0	0	0	1.49	0	0				-93		
61	15	84	3	0	0	0	1.49	0	0				-93		
61	16	84	2, 3, 4, 5	0	0	0.28	0.42	0.41	0.38			-127	126	71	178
61	17	84	2, 3, 4, 5	0	0	0.37	0.62	0.53	0.43			-131	129	66	-178
61	18	84	2, 3, 4, 5	0	0	0.56	1.00	0.82	0.51			-135	131	56	-162
61	19	84	2, 3, 4, 5	0	0	0.64	1.14	0.95	0.55			-135	132	52	-153
61	20	84	None	0	0	0	0	0	0						
61	22	84	None	0	0	0	0	0	0						
61	24	84	None	0	0	0	0	0	0						
61	26	84	None	0	0	0	0	0	0						
61	28	84	None	0	0	0	0	0	0						
61	30	84	None	0	0	0	0	0	0						
61	32	84	None	0	0	0	0	0	0						
61	34	84	None	0	0	0	0	0	0						
61	41	84	None	0	0	0	0	0	0						
61	42	83	None	0	0	0	0	0	0						
61	46	83	None	0	0	0	0	0	0						
61	49	83	None	0	0	0	0	0	0						
63	27	124	4	0	0	0	0	1.28	0					-93	
63	28	124	None	0	0	0	0	0	0						
63	29	124	None	0	0	0	0	0	0						
63	30	124	2	0	0	1.48	0	0	0			89			
63	31	124	2	0	0	1.47	0	0	0			59			
63	32	124	2	0	0	1.49	0	0	0			29			
63	33	124	2	0	0	1.48	0	0	0			-2			
63	34	124	2	0	0	1.48	0	0	0			-32			
63	35	124	2	0	0	1.48	0	0	0			91			
63	36	124	2	0	0	1.48	0	0	0			-92			
63	37	124	2	0	0	1.49	0	0	0			-122			
63	38	124	2	0	0	1.48	0	0	0			-152			
63	39	124	2	0	0	1.48	0	0	0			178			
63	40	124	2	0	0	1.49	0	0	0			149			
63	41	124	2	0	0	1.48	0	0	0			118			
63	42	124	2	0	0	1.48	0	0	0			88			
63	43	124	None	0	0	0	0	0	0						

TABLE 4. (CONCLUDED)

Run	Pt.	VKTS	Harmonic	Amp.						Phase					
				0P	1P	2P	3P	4P	5P	0P	1P	2P	3P	4P	5P
63	45	124	None	0	0	0	0	0	0						
63	48	124	None	0	0	0	0	0	0						
63	51	154	None	0	0	0	0	0	0						
63	56	155	None	0	0	0	0	0	0						
64	18	62	None	0	0	0	0	0	0						
64	19	62	4	0	0	0	0	1.48	0					56	
64	31	82	None	0	0	0	0	0	0						
64	32	83	3	0	0	0	1.48	0	0				-92		
64	33	83	3	0	0	0	1.48	0	0				-93		
64	43	125	None	0	0	0	0	0	0						

TABLE 5. STATIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
VKTS	Tunnel speed	knots	
ALFSC	Model support angle of attack with wall effect corrections	deg	aft
ALFSU	Uncorrected model support angle of attack	deg	aft
COLLA	Rotor collective control input (from actuator A set of LVDTs)	deg	nose up
LATA	Rotor lateral control input (from actuator A set of LVDTs)	deg	nose down at PSI = 0 deg
LONGA	Rotor longitudinal control input (from actuator A set of LVDTs)	deg	nose down at PSI = 90 deg
MU	Rotor advance ratio		
MTIP	Tip Mach number		
OMR	Rotor tip speed	ft/s	CCW from top
MAT	Rotor advancing tip Mach number		
MTUN	Tunnel Mach number		
RPM	Rotor rpm	rpm	CCW from top
THRUST	Rotor thrust force parallel to rotor shaft	lbf	up
LIFTQH	Rotor lift force (from rotor balance) corrected for weight, shaft rotation, and aero tares, in hub axes system	lbf	up
CTOS	Rotor thrust coefficient over solidity		up
TORQ	Rotor torque	in-lbf	clockwise from top
TORQ_QW	Rotor less hub torque	in-lbf	clockwise from top
HP	Rotor power from rotor torque	HP	
ROLLRH	Rotor roll moment (from rotor balance) corrected for weight and shaft rotation tares, in hub axes system	in-lbf	right down
ROLLQH	Rotor roll moment (from rotor balance) corrected for weight, shaft rotation, and aero tares, in hub axes system	in-lbf	right down
PS	Static pressure at tunnel centerline	psfa	
PITCHRH	Rotor pitch moment (from rotor balance) corrected for weight and shaft rotation tares, in hub axes system	in-lbf	nose up
PITCHQH	Rotor pitch moment (from rotor balance) corrected for weight, shaft rotation, and aero tares, in hub axes system	in-lbf	nose up
RHO	Air density	slug/ft <sup>3</sup>	
SIDERH	Rotor side force (from rotor balance) corrected for weight and shaft rotation tares, in hub axes system	lbf	right
SIDEQH	Rotor side force (from rotor balance) corrected for weight, shaft rotation, and aero tares, in hub axes system	lbf	right
VISC	Tunnel air viscosity	slug/ft-sec	

TABLE 5. (CONTINUED)

Channel Name	Description	Units	Positive Direction
DRAGRH	Rotor drag force (from rotor balance) corrected for weight and shaft rotation tares, in hub axes system	lbf	aft
DRAGQH	Rotor drag force (from rotor balance) corrected for weight, shaft rotation, and aero tares, in hub axes system	lbf	aft
LOD_RS	Rotor lift to equivalent drag ratio		
LOD_QS	Rotor less hub lift to equivalent drag ratio		
CPOS	Rotor power coefficient over solidity		
CSND	Tunnel speed of sound	ft/s	
TSR	Tunnel static temperature	deg_R	
Q	Corrected tunnel dynamic pressure	psf	compression

TABLE 6. DYNAMIC DATA PARAMETERS AND DESCRIPTIONS

Channel Name	Description	Units	Positive Direction
FLAP1C_TS	Flap1 Angle (see section on Definition of Flap Deflection)	deg	t.e. down
FLAP2C_TS	Flap2 Angle (see section on Definition of Flap Deflection)	deg	t.e. down
FLAP3C_TS	Flap3 Angle (see section on Definition of Flap Deflection)	deg	t.e. down
FLAP4C_TS	Flap4 Angle (see section on Definition of Flap Deflection)	deg	t.e. down
FLAP5C_TS	Flap5 Angle (see section on Definition of Flap Deflection)	deg	t.e. down
ACT1DISP_TS	Flap Actuator1 Displacement (feedback), Sta 150	mil	aft
ACT2DISP_TS	Flap Actuator2 Displacement (feedback), Sta 150	mil	aft
ACT3DISP_TS	Flap Actuator3 Displacement (feedback), Sta 150	mil	aft
ACT4DISP_TS	Flap Actuator4 Displacement (feedback), Sta 150	mil	aft
ACT5DISP_TS	Flap Actuator5 Displacement (feedback), Sta 150	mil	aft
ACT1FORCE_TS	Flap Actuator1 Force (flap link), Sta 150	lbf	compression
ACT2FORCE_TS	Flap Actuator2 Force (flap link), Sta 150	lbf	compression
ACT3FORCE_TS	Flap Actuator3 Force (flap link), Sta 150	lbf	compression
ACT4FORCE_TS	Flap Actuator4 Force (flap link), Sta 150	lbf	compression
ACT5FORCE_TS	Flap Actuator5 Force (flap link), Sta 150	lbf	compression
FA1IBCURRENT	Flap Actuator1 Inboard Current	A	
FA2IBCURRENT	Flap Actuator2 Inboard Current	A	
FA3IBCURRENT	Flap Actuator3 Inboard Current	A	
FA4IBCURRENT	Flap Actuator4 Inboard Current	A	
FA5IBCURRENT	Flap Actuator5 Inboard Current	A	
FA1IBVOLTAGE_TS	Flap Actuator1 Inboard Voltage	V	
FA2IBVOLTAGE_TS	Flap Actuator2 Inboard Voltage	V	
FA3IBVOLTAGE_TS	Flap Actuator3 Inboard Voltage	V	
FA4IBVOLTAGE_TS	Flap Actuator4 Inboard Voltage	V	
FA5IBVOLTAGE_TS	Flap Actuator5 Inboard Voltage	V	

TABLE 6. (CONTINUED)

Channel Name	Description	Units	Positive Direction
FA1OBCURRENT	Flap Actuator1 Outboard Current	A	
FA2OBCURRENT	Flap Actuator2 Outboard Current	A	
FA3OBCURRENT	Flap Actuator3 Outboard Current	A	
FA4OBCURRENT	Flap Actuator4 Outboard Current	A	
FA5OBCURRENT	Flap Actuator5 Outboard Current	A	
FA1OBVOLTAGE_TS	Flap Actuator1 Outboard Voltage	V	
FA2OBVOLTAGE_TS	Flap Actuator2 Outboard Voltage	V	
FA3OBVOLTAGE_TS	Flap Actuator3 Outboard Voltage	V	
FA4OBVOLTAGE_TS	Flap Actuator4 Outboard Voltage	V	
FA5OBVOLTAGE_TS	Flap Actuator5 Outboard Voltage	V	
MRBLD1CB42P75	MR Blade 1 Chord Bending Sta 42.75	in-lbf	lag
MRBLD1CB70	MR Blade 1 Chord Bending Sta 70	in-lbf	lag
MRBLD1CB120	MR Blade 1 Chord Bending Sta 120	in-lbf	lag
MRBLD1CB164	MR Blade 1 Chord Bending Sta 164	in-lbf	lag
MRBLD1FB42P75	MR Blade 1 Flap Bending Sta 42.75	in-lbf	tip up
MRBLD1FB70	MR Blade 1 Flap Bending Sta 70	in-lbf	tip up
MRBLD1FB87	MR Blade 1 Flap Bending Sta 87	in-lbf	tip up
MRBLD1FB120	MR Blade 1 Flap Bending Sta 120	in-lbf	tip up
MRBLD1FB164	MR Blade 1 Flap Bending Sta 164	in-lbf	tip up
MRBLD1FB180	MR Blade 1 Flap Bending Sta 180	in-lbf	tip up
MRBLD1TOR51	MR Blade 1 Torsion Sta 51	in-lbf	l.e. up
MRBLD1TOR71	MR Blade 1 Torsion Sta 71	in-lbf	l.e. up
MRBLD1TOR130	MR Blade 1 Torsion Sta 130	in-lbf	l.e. up
MRBLD1TOR164	MR Blade 1 Torsion Sta 164	in-lbf	l.e. up
MRFBM1CB26P5	MR Flexbeam 1 Chord Bending Sta 26.5	in-lbf	lag
MRFBM2CB26P5_TS	MR Flexbeam 2 Chord Bending Sta 26.5	in-lbf	lag
MRFBM1FB9	MR Flexbeam 1 Flap Bending Sta 9	in-lbf	tip up
MRFBM2FB9_TS	MR Flexbeam 2 Flap Bending Sta 9	in-lbf	tip up
MRFBM1TOR26P5	MR Flexbeam 1 Torsion Sta 26.5	in-lbf	l.e. up
MRFBM2TOR26P5_TS	MR Flexbeam 2 Torsion Sta 26.5	in-lbf	l.e. up
MRPC1CB33P25	MR Pitchcase 1 Chord Bending Sta 33.25	in-lbf	lag
MRPC1FB33P25	MR Pitchcase 1 Flap Bending Sta 33.25	in-lbf	tip up
MRPC1TOR25P5	MR Pitchcase 1 Torsion Sta 25.5	in-lbf	l.e. up
MRPLK1LOAD_TS	MR Pitchlink 1 Load	lbf	Tension
MRPLK2LOAD_TS	MR Pitchlink 2 Load	lbf	tension
PITCHRH	Rotor pitch moment (from rotor balance) corrected for weight and shaft rotation tares, in hub axes system	in-lbf	nose up
PITCHQH	Rotor pitch moment (from rotor balance) corrected for weight, shaft rotation, and aero tares, in hub axes system	in-lbf	nose up

TABLE 6. (CONCLUDED)

Channel Name	Description	Units	Positive Direction
ROLLRH	Rotor roll moment (from rotor balance) corrected for weight and shaft rotation tares, in hub axes system	in-lbf	right down
ROLLQH	Rotor roll moment (from rotor balance) corrected for weight, shaft rotation, and aero tares, in hub axes system	in-lbf	right down
TORQ	Rotor torque	in-lbf	clockwise from top
TORQ_QW	Rotor less hub torque	in-lbf	clockwise from top
THRUST	Rotor thrust force parallel to rotor shaft	lbf	up
LIFTQH	Rotor lift force (from rotor balance) corrected for weight, shaft rotation, and aero tares, in hub axes system	lbf	up
SIDERH	Rotor side force (from rotor balance) corrected for weight and shaft rotation tares, in hub axes system	lbf	right
SIDEQH	Rotor side force (from rotor balance) corrected for weight, shaft rotation, and aero tares, in hub axes system	lbf	right
DRAGRH	Rotor drag force (from rotor balance) corrected for weight and shaft rotation tares, in hub axes system	lbf	aft
DRAGQH	Rotor drag force (from rotor balance) corrected for weight, shaft rotation, and aero tares, in hub axes system	lbf	aft

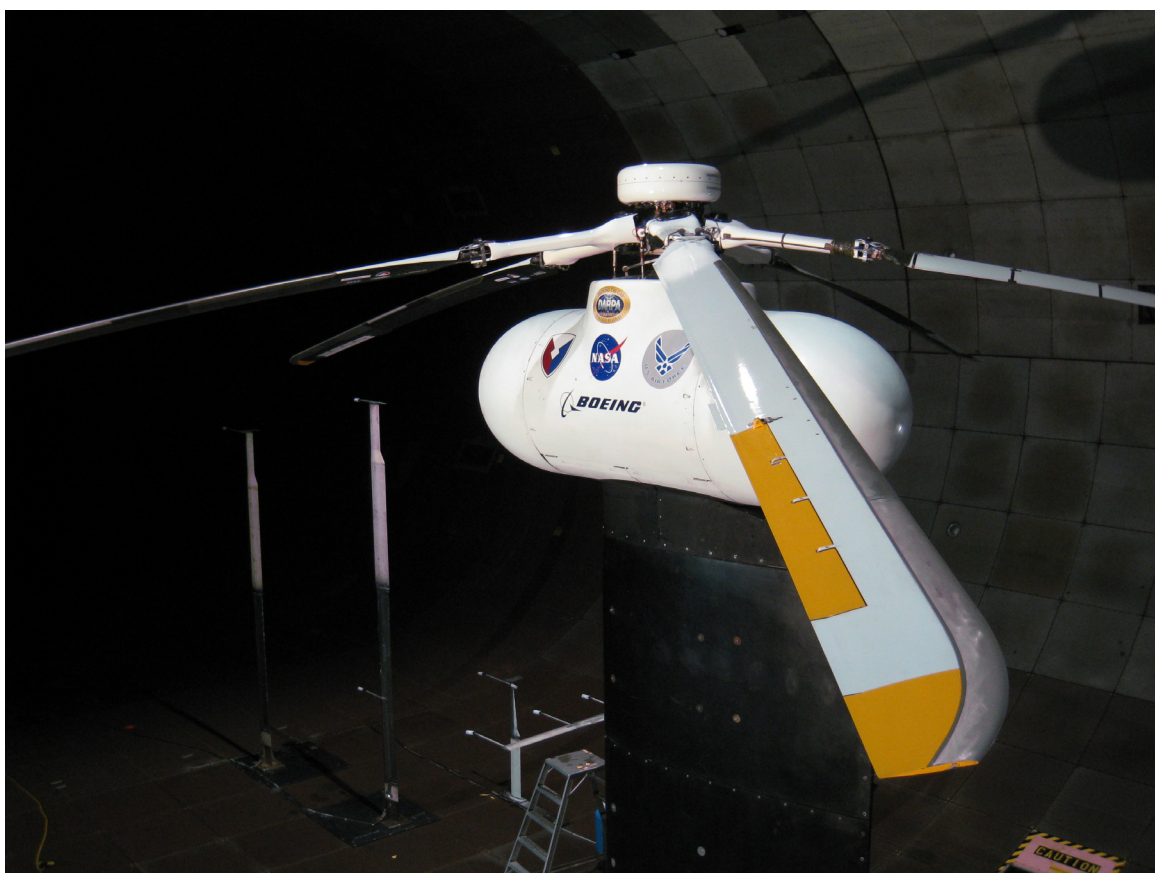


Figure 1. Boeing SMART rotor with active trailing-edge flaps in the NFAC 40- by 80-Foot Wind Tunnel.

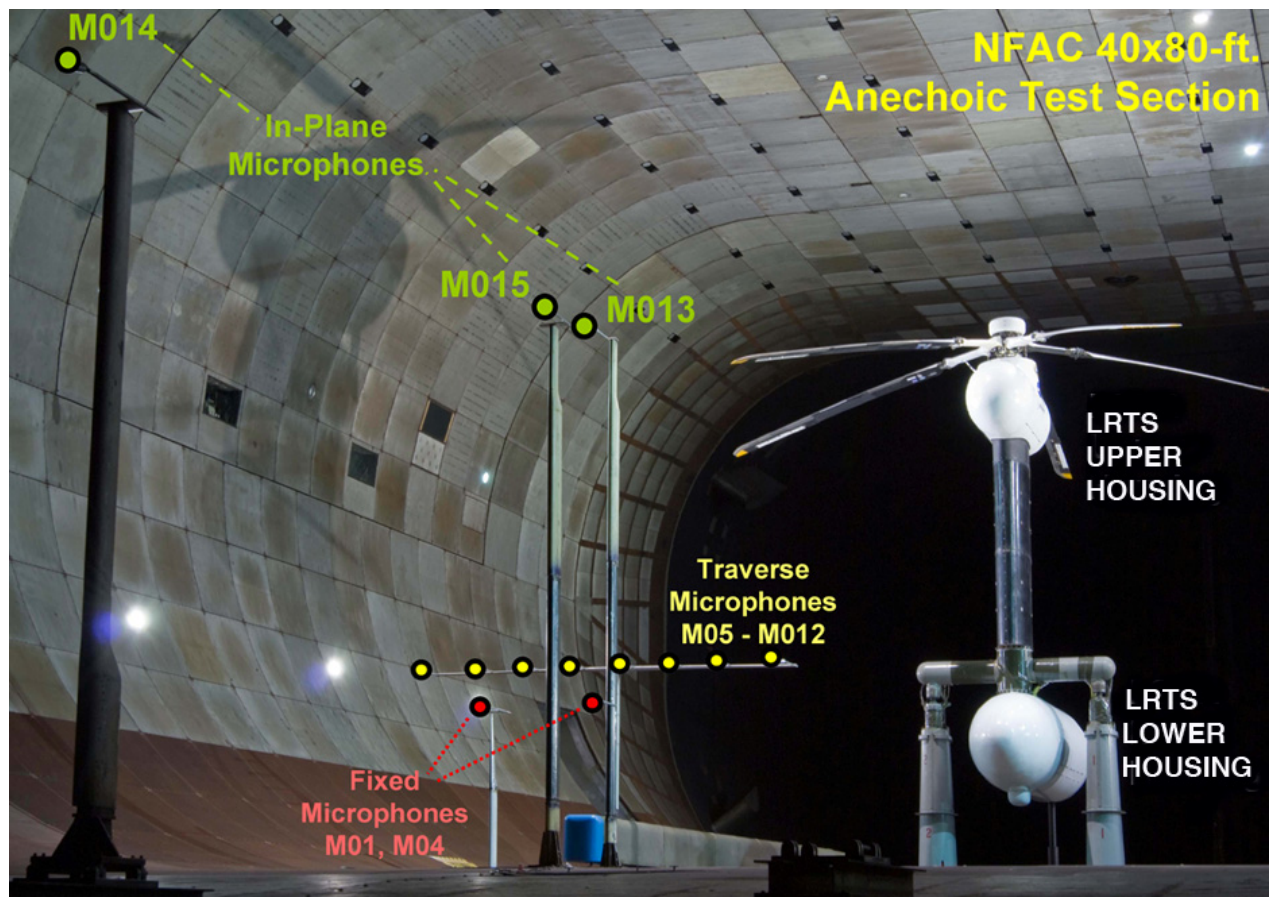


Figure 2. Boeing SMART rotor mounted on the LRTS in the NFAC 40- by 80-Foot Wind Tunnel.

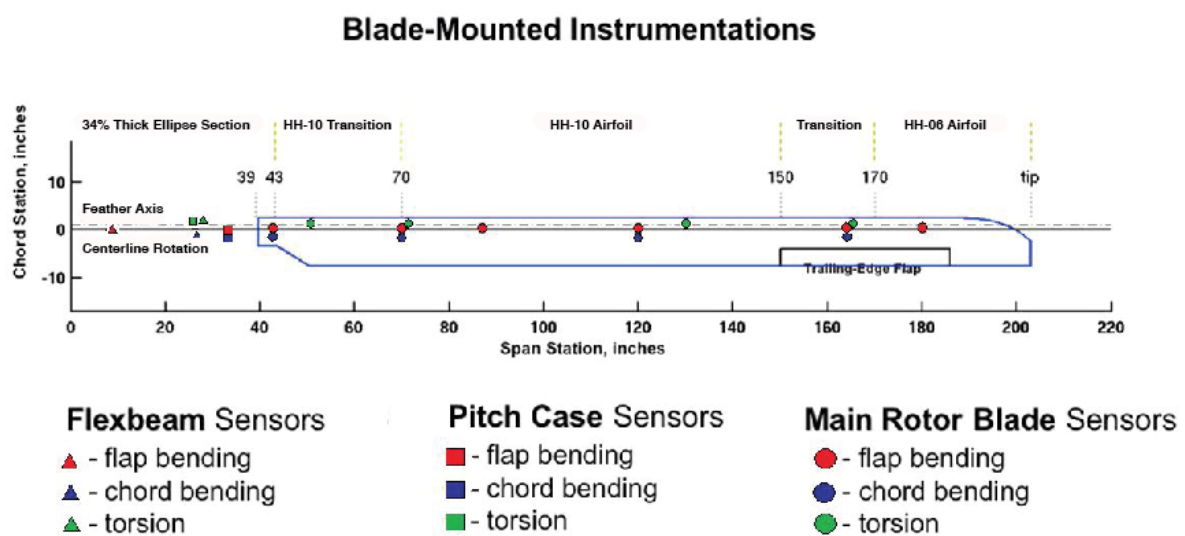


Figure 3. Blade-mounted Instrumentation.

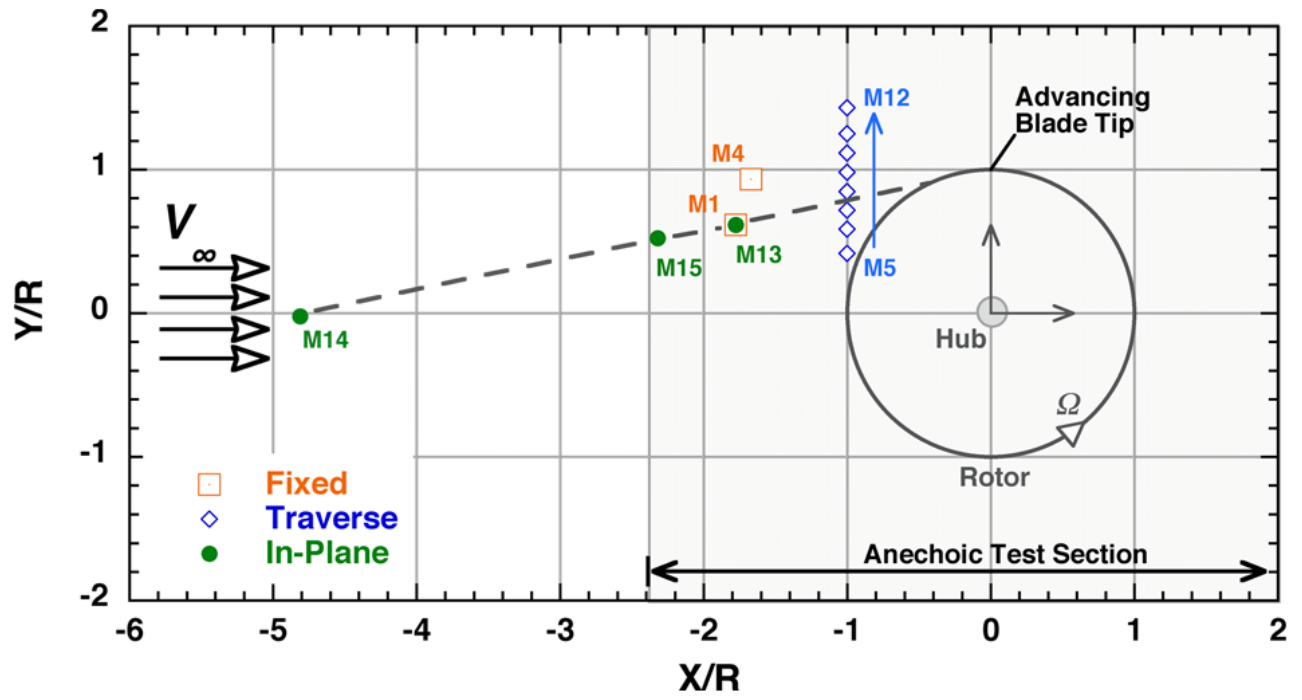


Figure 4. Top view of the test setup of the microphone layout with rotor hub at  $\alpha_{su} = 0$  deg.

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## **APPENDIX A --- FLAP DATA**

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
42	27	0.022	0.001	-0.001	0.000	0.001	0.001	-0.001	0.008	0.000	0.001	0.003	0.002	0.001	0.002	0.001	0.001
		0.000	-0.001	0.000	-0.001	-0.001	0.000	0.000	0.006	0.005	0.000	-0.003	0.002	0.003	0.001	0.001	-0.002
		0.034	0.000	0.000	-0.002	0.001	0.003	-0.002	0.005	0.002	0.001	-0.005	-0.001	0.003	0.003	-0.002	0.001
		0.000	-0.001	-0.001	-0.001	0.001	0.000	0.000	0.002	0.006	0.006	0.003	-0.001	0.001	0.003	-0.001	-0.004
		-0.061	0.001	0.000	0.000	0.002	0.000	-0.001	0.006	0.000	-0.001	-0.001	0.002	0.001	0.002	0.001	0.001
		0.000	-0.001	-0.001	0.000	0.000	0.001	0.000	0.001	0.004	0.001	-0.001	-0.001	0.001	0.003	0.001	-0.002
		-0.019	0.002	0.001	-0.001	0.000	0.001	-0.002	0.004	0.000	-0.002	0.001	0.001	0.001	0.000	-0.001	0.000
		0.000	-0.001	-0.001	-0.001	0.001	-0.001	0.000	0.000	0.006	0.001	0.002	0.003	0.002	0.001	-0.003	-0.003
42	28	0.059	0.000	0.000	0.000	0.002	-0.002	-0.001	0.001	0.000	0.000	0.001	0.000	-0.001	-0.001	0.000	0.001
		0.000	-0.003	-0.001	-0.002	0.002	-0.001	-0.001	0.003	0.002	0.000	-0.001	0.001	0.001	0.001	0.001	-0.001
		RUN POINT Harmonics															
		0.016	-0.001	-0.868	0.002	0.004	-0.218	0.000	0.044	0.036	0.027	0.005	0.002	0.008	0.001	-0.007	-0.006
		0.000	0.001	-0.464	0.007	-0.003	0.443	-0.004	0.039	0.013	0.000	-0.028	0.022	-0.036	0.006	-0.002	-0.001
		0.030	0.002	-0.870	-0.002	-0.004	-0.221	0.002	0.034	0.038	0.030	-0.014	0.014	0.028	0.001	-0.016	-0.008
		0.000	-0.004	-0.468	0.005	-0.004	0.448	0.000	0.036	0.018	0.001	-0.016	0.004	-0.042	0.010	-0.011	-0.009
		-0.060	-0.002	-0.865	-0.004	0.002	-0.219	0.000	0.038	0.051	0.026	-0.013	0.002	-0.004	0.004	-0.007	-0.011
42	28	0.000	-0.005	-0.465	-0.003	0.001	0.442	0.004	0.026	0.014	-0.013	-0.019	0.012	-0.039	0.005	-0.007	0.004
		-0.028	0.005	-0.866	-0.008	0.000	-0.218	0.001	0.048	0.036	0.028	0.002	0.021	0.032	-0.009	-0.013	-0.006
		0.000	-0.006	-0.467	0.006	-0.006	0.447	0.001	0.033	0.020	0.006	-0.026	0.008	-0.025	0.004	-0.013	-0.012
		0.059	0.008	-0.870	-0.007	-0.003	-0.223	0.002	0.034	0.045	0.040	-0.004	0.005	-0.006	-0.002	-0.019	-0.011
		0.000	0.002	-0.462	0.009	-0.001	0.446	-0.001	0.019	0.017	-0.024	-0.018	0.013	-0.055	0.003	-0.008	-0.006
		TS SIN															

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
42	29	0.019	0.000	-0.866	-0.002	0.000	-0.220	0.002	0.048	0.040	0.027	0.001	0.001	0.009	0.003	-0.007	-0.006
		0.000	-0.002	-0.470	0.004	-0.002	0.446	0.001	0.040	0.012	-0.003	-0.028	0.021	-0.034	0.008	-0.004	-0.004
		0.030	0.002	-0.867	-0.004	-0.002	-0.222	0.001	0.033	0.040	0.030	-0.012	0.013	0.029	0.000	-0.015	-0.010
		0.000	-0.004	-0.470	0.003	-0.005	0.446	-0.001	0.039	0.018	-0.002	-0.020	0.003	-0.041	0.012	-0.011	-0.007
		-0.061	0.002	-0.865	-0.001	0.000	-0.221	-0.002	0.040	0.052	0.023	-0.012	0.003	-0.005	0.003	-0.010	-0.010
		0.000	-0.003	-0.470	0.001	-0.004	0.446	0.000	0.032	0.014	-0.013	-0.022	0.009	-0.035	0.005	-0.007	0.002
		-0.022	0.001	-0.868	-0.004	0.002	-0.221	0.000	0.046	0.041	0.028	-0.001	0.020	0.031	-0.008	-0.013	-0.008
		0.000	-0.002	-0.472	0.003	-0.006	0.449	0.003	0.033	0.018	0.007	-0.027	0.008	-0.024	0.007	-0.011	-0.011
42	30	0.057	0.002	-0.867	-0.004	0.002	-0.221	0.003	0.033	0.048	0.040	-0.004	0.006	-0.007	-0.003	-0.019	-0.011
		0.000	-0.001	-0.470	0.001	-0.003	0.448	0.001	0.023	0.017	-0.024	-0.017	0.013	-0.052	0.005	-0.008	-0.005
		Harmonics															
		0.016	-0.009	-1.298	0.003	-0.004	-0.323	-0.003	0.056	0.064	0.035	-0.004	-0.005	0.010	0.005	-0.006	-0.013
		0.000	-0.004	-0.699	-0.003	0.010	0.671	0.000	0.058	0.014	0.003	-0.031	0.033	-0.054	0.011	-0.009	-0.001
		0.021	0.006	-1.305	0.001	0.001	-0.331	0.000	0.037	0.072	0.037	-0.017	0.004	0.025	0.007	-0.019	-0.018
		0.000	-0.003	-0.700	-0.004	0.005	0.674	-0.004	0.057	0.021	-0.004	-0.015	0.006	-0.065	0.009	-0.012	-0.010
		-0.068	0.003	-1.296	-0.003	-0.009	-0.325	0.003	0.048	0.075	0.031	-0.014	-0.010	-0.010	0.008	-0.013	-0.016
42	30	0.000	-0.001	-0.701	0.003	-0.004	0.665	-0.002	0.055	0.017	-0.020	-0.017	0.013	-0.058	0.009	-0.005	0.008
		-0.028	0.007	-1.301	0.002	0.001	-0.327	-0.003	0.048	0.065	0.036	-0.005	0.012	0.035	-0.005	-0.010	-0.012
		0.000	0.003	-0.705	0.006	0.002	0.678	0.003	0.042	0.023	-0.003	-0.025	0.007	-0.052	0.005	-0.013	-0.010
		0.046	-0.006	-1.300	0.008	0.001	-0.328	-0.002	0.042	0.069	0.057	-0.013	0.007	-0.015	-0.004	-0.025	-0.019
		0.000	0.015	-0.698	0.002	-0.005	0.671	0.001	0.033	0.024	-0.039	-0.021	0.019	-0.084	0.007	-0.013	-0.004
		0.000	0.015	-0.698	0.002	-0.005	0.671	0.001	0.033	0.024	-0.039	-0.021	0.019	-0.084	0.007	-0.013	-0.004
		0.000	0.015	-0.698	0.002	-0.005	0.671	0.001	0.033	0.024	-0.039	-0.021	0.019	-0.084	0.007	-0.013	-0.004
		0.000	0.015	-0.698	0.002	-0.005	0.671	0.001	0.033	0.024	-0.039	-0.021	0.019	-0.084	0.007	-0.013	-0.004

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
42	106																
FLAP1C	TS_COS	0.030	0.002	-0.001	0.002	-0.001	0.001	0.001	-0.001	-0.004	-0.001	0.002	0.002	0.000	-0.001	0.001	0.000
FLAP1C	TS_SIN	0.000	0.001	-0.003	-0.001	0.001	-0.001	-0.001	0.002	0.000	-0.002	0.000	0.001	0.001	-0.001	-0.001	0.001
FLAP2C	TS_COS	0.045	0.000	-0.002	0.004	-0.001	0.000	0.001	-0.002	-0.001	-0.002	0.002	0.002	-0.002	0.000	0.000	0.000
FLAP2C	TS_SIN	0.000	0.003	-0.001	-0.001	0.002	0.001	0.001	-0.001	0.001	-0.001	-0.002	0.002	0.000	-0.001	0.000	0.000
FLAP3C	TS_COS	-0.051	0.000	-0.001	0.001	-0.001	0.000	0.000	-0.002	0.000	-0.001	-0.002	0.001	0.001	-0.001	0.000	0.000
FLAP3C	TS_SIN	0.000	0.001	-0.001	0.000	0.001	0.000	0.001	-0.001	0.000	0.002	-0.001	-0.001	0.001	0.000	-0.001	0.001
FLAP4C	TS_COS	-0.011	0.001	-0.001	0.002	-0.001	0.000	0.001	0.002	-0.005	-0.003	0.004	0.001	-0.002	-0.001	0.001	0.002
FLAP4C	TS_SIN	0.000	0.003	-0.002	0.000	0.001	0.000	0.001	0.003	0.005	-0.005	-0.002	0.003	0.001	-0.001	-0.002	0.002
FLAP5C	TS_COS	0.071	0.001	0.000	0.001	0.000	0.002	0.001	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FLAP5C	TS_SIN	0.000	0.002	-0.001	0.000	0.001	0.000	-0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
RUN	POINT	Harmonics															
42	108																
FLAP1C	TS_COS	0.027	0.000	0.002	1.751	-0.001	0.000	-0.002	-0.044	0.018	-0.029	-0.001	0.027	-0.008	-0.012	0.000	0.012
FLAP1C	TS_SIN	0.000	-0.002	0.000	0.917	-0.002	0.002	-0.001	-0.030	0.003	-0.077	0.000	-0.010	-0.001	-0.003	0.004	-0.002
FLAP2C	TS_COS	0.038	0.000	-0.002	1.750	-0.001	-0.001	-0.001	-0.063	0.033	-0.040	0.003	0.025	-0.008	-0.018	0.023	0.004
FLAP2C	TS_SIN	0.000	0.000	0.003	0.921	0.001	0.002	-0.002	-0.052	0.016	-0.093	0.002	-0.001	-0.008	-0.002	-0.009	0.032
FLAP3C	TS_COS	-0.054	-0.001	-0.005	1.746	0.001	-0.001	-0.001	-0.046	0.024	-0.063	0.012	0.031	-0.005	0.004	0.000	0.035
FLAP3C	TS_SIN	0.000	-0.002	0.002	0.918	0.002	0.001	-0.003	0.003	0.005	-0.071	-0.023	-0.001	-0.020	-0.002	-0.005	0.017
FLAP4C	TS_COS	-0.016	0.001	-0.006	1.752	0.006	-0.004	-0.002	-0.036	0.021	-0.008	-0.016	0.014	-0.008	-0.013	0.015	-0.003
FLAP4C	TS_SIN	0.000	-0.001	-0.001	0.919	0.000	0.002	-0.002	-0.021	0.018	-0.117	-0.012	-0.010	-0.003	-0.007	-0.004	0.025
FLAP5C	TS_COS	0.067	0.000	0.000	1.754	0.002	-0.002	-0.002	-0.039	0.021	-0.085	-0.005	0.016	-0.005	-0.002	-0.003	0.026
FLAP5C	TS SIN	0.000	-0.001	-0.005	0.919	-0.002	0.003	-0.003	-0.020	0.001	-0.134	-0.001	-0.007	0.003	0.004	-0.007	0.021

RUN	POINT	Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
42	109																	
FLAP1C_TS_COS	0.026	0.000	-0.001	1.747	-0.004	0.000	-0.002	-0.042	0.018	-0.028	0.001	0.028	-0.008	-0.012	0.000	0.013		
FLAP1C_TS_SIN	0.000	-0.001	0.006	0.913	-0.009	0.000	-0.001	-0.026	0.003	-0.079	0.000	-0.010	0.000	-0.003	0.003	-0.003		
FLAP2C_TS_COS	0.035	0.000	-0.003	1.747	-0.003	-0.002	-0.003	-0.063	0.030	-0.039	0.003	0.024	-0.007	-0.019	0.023	0.004		
FLAP2C_TS_SIN	0.000	-0.001	0.011	0.914	-0.007	0.003	-0.002	-0.049	0.017	-0.093	0.004	-0.004	-0.008	0.000	-0.006	0.031		
FLAP3C_TS_COS	-0.056	0.000	-0.006	1.745	-0.001	0.000	-0.002	-0.045	0.025	-0.063	0.013	0.030	-0.005	0.003	0.000	0.034		
FLAP3C_TS_SIN	0.000	-0.003	0.006	0.914	-0.001	0.003	-0.002	0.003	0.005	-0.069	-0.023	-0.001	-0.020	-0.001	-0.004	0.017		
FLAP4C_TS_COS	-0.017	0.000	-0.008	1.753	0.005	0.000	-0.001	-0.035	0.021	-0.006	-0.016	0.014	-0.007	-0.012	0.014	-0.004		
FLAP4C_TS_SIN	0.000	-0.001	0.002	0.913	-0.005	0.004	-0.001	-0.018	0.018	-0.120	-0.009	-0.011	-0.002	-0.006	-0.004	0.023		
FLAP5C_TS_COS	0.066	0.000	-0.002	1.753	0.000	0.001	-0.002	-0.040	0.022	-0.084	-0.006	0.016	-0.003	-0.003	-0.004	0.026		
FLAP5C_TS_SIN	0.000	0.000	0.001	0.916	-0.008	0.003	-0.002	-0.019	0.002	-0.133	0.003	-0.007	0.003	0.005	-0.007	0.020		
RUN	POINT	Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
42	111																	
FLAP1C_TS_COS	0.025	0.007	0.003	0.001	0.001	0.003	0.001	-0.003	-0.006	-0.001	0.002	0.002	0.000	-0.001	0.001	0.000		
FLAP1C_TS_SIN	0.000	0.002	-0.001	0.000	-0.001	0.000	0.001	0.004	0.000	-0.003	-0.001	0.001	0.002	-0.001	-0.001	0.001		
FLAP2C_TS_COS	0.033	0.003	-0.002	-0.001	-0.001	0.000	-0.001	-0.002	0.000	-0.002	0.001	0.002	-0.001	0.000	0.001	0.000		
FLAP2C_TS_SIN	0.000	-0.001	0.002	-0.001	0.000	-0.001	-0.001	-0.001	0.001	0.001	-0.001	0.002	0.001	-0.001	0.000	0.001		
FLAP3C_TS_COS	-0.056	0.002	-0.002	-0.001	0.000	0.000	-0.001	0.000	0.000	-0.001	-0.001	0.002	0.001	-0.001	0.000	0.000		
FLAP3C_TS_SIN	0.000	-0.001	0.000	0.002	0.001	-0.001	-0.001	-0.001	0.001	0.002	-0.001	-0.001	0.001	0.000	0.000	0.001		
FLAP4C_TS_COS	-0.018	0.003	-0.001	0.000	0.000	0.001	-0.001	0.002	-0.004	-0.004	0.004	0.002	-0.001	-0.001	0.001	0.001		
FLAP4C_TS_SIN	0.000	-0.002	0.002	0.002	0.000	-0.001	0.002	0.002	0.005	-0.004	-0.003	0.002	0.001	-0.001	-0.001	0.002		
FLAP5C_TS_COS	0.062	0.006	-0.001	0.000	0.000	0.002	0.000	-0.001	-0.001	-0.001	0.001	0.000	0.000	0.000	0.000	0.000		
FLAP5C_TS_SIN	0.000	0.002	-0.003	0.002	0.001	0.000	0.001	-0.001	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.000		

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
44	38	0.050	-0.003	-0.004	-1.309	0.004	0.003	0.001	0.042	-0.015	0.016	0.022	0.000	0.000	0.001	0.007	-0.005
		FLAP1C_TS_COS															
		0.000	0.001	-0.001	-0.689	-0.004	0.002	0.004	0.004	0.023	0.073	-0.011	-0.002	0.008	-0.017	0.003	-0.004
		FLAP1C_TS_SIN															
		0.040	-0.002	-0.002	-1.310	0.006	0.003	0.000	0.008	-0.009	0.008	0.009	0.009	0.010	0.002	-0.007	0.001
		FLAP2C_TS_COS															
		0.000	0.001	-0.004	-0.692	-0.007	0.002	0.003	0.003	0.001	0.093	-0.004	-0.003	0.004	0.001	-0.004	-0.014
		FLAP2C_TS_SIN															
44	39	-0.055	-0.001	0.000	-1.304	0.002	0.000	-0.001	0.021	-0.013	0.032	0.010	-0.003	0.001	-0.003	0.008	-0.014
		FLAP3C_TS_COS															
		0.000	0.002	-0.003	-0.688	-0.007	0.001	0.003	0.007	0.008	0.062	-0.012	-0.007	-0.003	-0.006	-0.006	-0.005
		FLAP3C_TS_SIN															
		-0.014	-0.002	0.000	-1.314	0.001	0.002	-0.002	0.025	-0.016	-0.015	0.014	0.009	0.003	0.001	-0.006	0.016
		FLAP4C_TS_COS															
		0.000	0.001	0.003	-0.693	-0.007	0.004	0.001	0.011	0.011	0.096	-0.003	-0.002	0.012	-0.008	0.000	-0.011
		FLAP4C_TS_SIN															
44	39	0.066	0.000	-0.002	-1.310	0.001	0.002	0.001	0.023	-0.013	0.044	0.023	0.007	0.008	-0.002	0.002	-0.012
		FLAP5C_TS_COS															
		0.000	0.000	0.001	-0.691	-0.003	0.001	0.002	0.005	0.009	0.099	-0.010	-0.002	0.007	0.000	-0.002	-0.007
		FLAP5C_TS_SIN															
		0.045	0.000	-0.004	-1.439	0.001	-0.001	0.000	0.037	-0.011	0.068	0.024	0.004	0.009	-0.006	0.008	-0.006
		FLAP1C_TS_COS															
		0.000	0.001	-0.001	-0.325	0.002	0.000	-0.001	0.002	0.023	0.043	-0.016	0.013	0.009	-0.012	-0.006	0.005
		FLAP1C_TS_SIN															
44	39	0.033	0.002	-0.003	-1.441	0.001	0.001	-0.001	0.007	-0.014	0.075	0.017	0.009	0.015	0.003	-0.002	-0.019
		FLAP2C_TS_COS															
		0.000	0.000	-0.002	-0.326	-0.001	0.000	-0.002	0.017	0.010	0.052	-0.011	0.006	0.004	-0.001	-0.004	-0.006
		FLAP2C_TS_SIN															
		-0.060	0.001	0.001	-1.437	-0.001	0.000	0.000	0.021	-0.012	0.071	0.011	0.000	0.007	-0.006	0.006	-0.014
		FLAP3C_TS_COS															
		0.000	0.001	-0.002	-0.327	-0.002	0.000	0.000	0.007	0.017	0.022	-0.015	-0.001	-0.003	-0.002	-0.013	0.017
		FLAP3C_TS_SIN															
44	39	-0.019	0.000	0.001	-1.443	-0.003	0.001	-0.002	0.032	-0.015	0.060	0.021	0.006	0.016	-0.007	0.002	-0.008
		FLAP4C_TS_COS															
		0.000	0.001	0.000	-0.325	0.001	0.000	-0.002	0.012	0.021	0.073	-0.007	0.003	0.009	-0.012	-0.003	-0.017
		FLAP4C_TS_SIN															
		0.061	0.001	-0.001	-1.443	0.000	-0.001	-0.001	0.023	-0.010	0.103	0.023	0.011	0.018	-0.004	0.003	-0.015
		FLAP5C_TS_COS															
		0.000	0.000	0.002	-0.326	0.003	0.000	-0.001	0.007	0.021	0.041	-0.016	0.005	0.005	-0.005	-0.010	0.011
		FLAP5C_TS_SIN															

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.043	-0.002	-0.001	-1.084	0.000	0.002	-0.001	0.043	-0.013	-0.043	0.014	0.005	-0.006	0.010	-0.003	0.010
FLAP1C	TS_SIN	0.000	0.000	0.000	-1.000	-0.001	0.000	-0.002	0.011	0.016	0.062	-0.008	-0.007	0.005	-0.008	0.011	-0.005
FLAP2C	TS_COS	0.031	-0.001	0.002	-1.083	0.002	0.002	-0.001	0.016	0.001	-0.066	0.012	0.013	0.003	0.003	-0.005	0.020
FLAP2C	TS_SIN	0.000	-0.001	-0.001	-1.003	-0.003	0.002	-0.003	0.000	-0.002	0.071	0.001	0.003	0.006	-0.001	-0.005	0.004
FLAP3C	TS_COS	-0.062	0.001	0.003	-1.080	0.000	0.001	-0.002	0.017	-0.001	-0.024	0.009	0.000	0.002	0.001	0.001	0.009
FLAP3C	TS_SIN	0.000	0.000	0.000	-1.001	-0.004	0.000	0.000	0.001	-0.003	0.066	-0.008	-0.006	0.002	-0.003	0.001	-0.018
FLAP4C	TS_COS	-0.021	-0.002	0.003	-1.086	-0.001	0.003	-0.001	0.020	-0.010	-0.082	0.016	0.009	-0.008	0.010	-0.001	0.019
FLAP4C	TS_SIN	0.000	-0.001	0.003	-1.004	-0.003	0.002	-0.003	0.012	0.005	0.056	0.007	0.005	0.008	-0.004	0.003	0.019
FLAP5C	TS_COS	0.058	0.000	0.000	-1.085	-0.002	0.003	-0.001	0.026	-0.006	-0.045	0.018	0.011	0.002	-0.002	0.001	0.013
FLAP5C	TS_SIN	0.000	-0.001	0.002	-1.003	-0.002	0.001	-0.003	0.005	0.002	0.100	-0.004	-0.007	0.008	0.001	0.002	-0.011
RUN	POINT	Harmonics															
44	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.041	0.000	0.000	0.004	1.411	-0.005	0.000	0.026	0.008	0.003	0.002	0.008	-0.065	0.005	-0.013	-0.013
FLAP1C	TS_SIN	0.000	0.000	-0.002	-0.005	-0.454	-0.001	-0.001	0.036	0.006	0.003	-0.017	-0.012	0.049	0.002	0.004	-0.009
FLAP2C	TS_COS	0.029	0.001	0.000	0.005	1.413	-0.002	-0.001	0.013	0.025	0.015	0.009	0.014	-0.082	0.025	0.005	-0.020
FLAP2C	TS_SIN	0.000	0.002	0.000	-0.001	-0.451	0.000	-0.001	0.016	-0.005	0.023	-0.008	-0.009	0.035	-0.002	0.002	0.008
FLAP3C	TS_COS	-0.063	0.001	-0.001	0.000	1.408	0.003	0.001	0.018	0.018	0.024	0.006	0.007	-0.057	0.009	0.001	-0.004
FLAP3C	TS_SIN	0.000	0.000	-0.001	0.001	-0.453	0.001	-0.002	0.004	-0.007	0.015	-0.007	-0.016	0.068	0.002	-0.001	0.004
FLAP4C	TS_COS	-0.024	0.000	0.000	-0.001	1.415	0.002	-0.002	0.027	0.013	0.018	0.005	0.005	-0.092	0.018	0.002	-0.012
FLAP4C	TS_SIN	0.000	0.001	-0.001	-0.003	-0.452	-0.003	-0.003	0.019	-0.015	0.020	-0.016	-0.014	0.013	0.002	0.008	0.002
FLAP5C	TS_COS	0.058	0.001	0.000	0.002	1.414	-0.001	0.000	0.025	-0.006	0.006	0.006	0.010	-0.079	0.010	-0.005	-0.013
FLAP5C	TS_SIN	0.000	0.001	-0.002	-0.006	-0.454	-0.003	-0.001	0.026	-0.020	0.016	-0.028	-0.008	0.085	0.014	-0.004	0.002

RUN	POINT	Harmonics																	
		44	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.034	-0.001	-0.005	0.003	1.451	-0.004	0.000	0.006	0.043	0.002	0.004	0.007	-0.048	0.006	0.016	0.006	0.006	
FLAP1C	TS_SIN	0.000	-0.002	0.001	0.000	0.294	-0.001	-0.002	0.007	0.020	0.021	-0.019	-0.007	-0.082	0.026	0.014	0.005	0.005	
FLAP2C	TS_COS	0.020	-0.001	-0.004	0.001	1.451	-0.004	-0.001	-0.006	0.061	0.004	0.013	0.012	-0.037	0.012	0.001	-0.003	-0.003	
FLAP2C	TS_SIN	0.000	-0.001	0.003	0.003	0.298	0.002	0.000	-0.005	0.027	0.020	-0.002	-0.006	-0.104	0.034	0.030	0.005	0.005	
FLAP3C	TS_COS	-0.068	0.000	-0.003	-0.002	1.448	0.002	0.000	0.008	0.053	0.005	0.004	0.015	-0.070	0.006	0.011	0.007	0.007	
FLAP3C	TS_SIN	0.000	-0.001	0.001	0.003	0.298	0.004	0.000	-0.007	0.019	0.037	0.000	-0.007	-0.068	0.023	0.011	0.001	0.001	
FLAP4C	TS_COS	-0.030	-0.001	-0.004	-0.004	1.455	0.002	-0.001	0.023	0.066	-0.002	0.014	0.008	-0.012	0.005	0.002	0.002	0.002	
FLAP4C	TS_SIN	0.000	-0.001	0.001	-0.001	0.297	0.001	-0.002	-0.001	0.025	0.035	-0.010	-0.015	-0.109	0.032	0.028	-0.006	-0.006	
FLAP5C	TS_COS	0.050	-0.001	-0.004	0.000	1.453	-0.001	0.000	0.003	0.057	-0.009	0.019	0.010	-0.084	-0.003	0.016	0.002	0.002	
FLAP5C	TS_SIN	0.000	-0.001	0.003	-0.003	0.298	-0.001	0.001	0.005	0.004	0.023	-0.019	-0.005	-0.085	0.033	0.017	-0.002	-0.002	
RUN	POINT	Harmonics																	
44	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.043	0.001	0.000	-0.001	0.002	0.099	0.002	0.064	-0.002	0.026	-0.002	0.027	0.020	0.029	-0.006	-0.039	-0.039	
FLAP1C	TS_SIN	0.000	-0.001	-0.001	0.003	0.004	1.488	-0.003	0.060	0.000	0.042	-0.014	-0.003	-0.012	-0.009	0.005	0.089	0.089	
FLAP2C	TS_COS	0.030	0.000	-0.001	-0.001	-0.003	0.095	-0.004	0.053	0.009	0.019	-0.005	0.022	0.022	0.019	-0.013	-0.081	-0.081	
FLAP2C	TS_SIN	0.000	-0.002	0.000	0.004	0.003	1.491	-0.002	0.063	-0.003	0.028	0.001	-0.006	0.013	-0.006	0.018	0.087	0.087	
FLAP3C	TS_COS	-0.062	0.000	0.001	-0.001	-0.003	0.096	-0.004	0.065	0.011	0.029	-0.004	0.004	0.011	0.009	-0.013	-0.024	-0.024	
FLAP3C	TS_SIN	0.000	-0.002	0.000	0.001	-0.002	1.486	0.002	0.045	-0.009	0.037	0.001	-0.014	-0.005	-0.008	0.011	0.103	0.103	
FLAP4C	TS_COS	-0.023	0.000	-0.001	0.000	0.004	0.097	0.001	0.068	0.004	0.022	-0.017	0.023	0.015	0.015	-0.025	-0.104	-0.104	
FLAP4C	TS_SIN	0.000	-0.001	-0.002	0.003	-0.005	1.492	0.005	0.061	0.002	0.047	0.008	-0.010	0.008	0.000	0.020	0.070	0.070	
FLAP5C	TS_COS	0.059	0.001	0.001	-0.002	0.006	0.097	0.004	0.050	0.008	0.019	-0.015	0.022	0.017	0.020	-0.015	-0.027	-0.027	
FLAP5C	TS_SIN	0.000	-0.001	0.001	0.002	0.000	1.490	0.000	0.048	0.008	0.027	0.011	-0.005	0.002	-0.009	0.017	0.116	0.116	

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
44	52																
	FLAP1C_TS_COS	0.045	-0.003	0.002	-0.001	0.000	0.492	0.000	0.084	-0.012	0.025	-0.009	0.029	0.022	0.016	-0.007	0.037
	FLAP1C_TS_SIN	0.000	-0.001	0.001	0.001	-0.001	1.409	0.000	0.042	0.000	0.014	-0.006	-0.002	-0.013	-0.012	0.008	0.084
	FLAP2C_TS_COS	0.031	-0.004	0.003	0.000	-0.006	0.490	-0.005	0.076	-0.006	0.013	-0.019	0.009	0.031	0.013	0.002	0.004
	FLAP2C_TS_SIN	0.000	-0.002	0.001	0.001	-0.001	1.412	-0.001	0.046	-0.005	0.006	0.007	-0.004	0.010	-0.007	0.019	0.107
	FLAP3C_TS_COS	-0.061	-0.003	0.002	0.000	-0.006	0.487	-0.004	0.079	0.001	0.032	-0.007	0.000	0.017	0.001	-0.006	0.055
	FLAP3C_TS_SIN	0.000	0.000	0.001	-0.001	-0.005	1.409	0.006	0.029	-0.009	0.016	0.005	-0.012	-0.008	-0.009	0.015	0.084
	FLAP4C_TS_COS	-0.020	-0.002	0.001	-0.002	-0.001	0.496	0.002	0.091	-0.013	0.027	-0.018	0.013	0.029	0.014	-0.006	-0.025
	FLAP4C_TS_SIN	0.000	0.001	0.002	0.001	-0.012	1.413	0.006	0.050	0.002	0.019	0.024	-0.009	0.005	-0.010	0.021	0.109
	FLAP5C_TS_COS	0.060	-0.002	0.003	-0.002	0.003	0.491	0.003	0.063	-0.005	0.011	-0.009	0.021	0.022	0.007	-0.006	0.063
	FLAP5C_TS_SIN	0.000	-0.001	0.002	0.000	-0.005	1.414	0.001	0.042	0.006	0.006	0.019	0.000	0.008	-0.008	0.022	0.089
RUN	POINT	Harmonics															
44	53																
	FLAP1C_TS_COS	0.043	0.002	-0.004	0.001	-0.002	-0.288	0.001	0.044	0.014	0.016	0.000	0.018	0.009	0.029	-0.004	-0.090
	FLAP1C_TS_SIN	0.000	0.001	0.000	0.002	0.004	1.465	-0.003	0.067	0.002	0.056	-0.016	0.005	-0.001	0.005	0.005	0.040
	FLAP2C_TS_COS	0.030	0.001	-0.006	-0.001	-0.008	-0.293	-0.004	0.027	0.020	0.014	-0.001	0.020	-0.002	0.017	-0.029	-0.121
	FLAP2C_TS_SIN	0.000	0.001	0.001	0.001	0.000	1.464	-0.006	0.067	-0.003	0.041	-0.003	-0.002	0.014	-0.001	0.008	0.008
	FLAP3C_TS_COS	-0.061	0.001	-0.002	0.000	-0.005	-0.290	-0.006	0.050	0.028	0.023	-0.010	0.005	-0.006	0.008	-0.018	-0.087
	FLAP3C_TS_SIN	0.000	0.000	0.001	0.000	-0.004	1.462	0.000	0.047	-0.014	0.047	-0.003	-0.009	0.002	0.000	0.002	0.057
	FLAP4C_TS_COS	-0.023	0.001	-0.005	-0.001	0.000	-0.292	-0.001	0.051	0.021	0.005	-0.017	0.022	-0.008	0.008	-0.037	-0.123
	FLAP4C_TS_SIN	0.000	0.000	0.000	0.003	-0.005	1.469	0.002	0.070	0.011	0.059	-0.009	0.000	0.009	0.010	0.003	-0.015
	FLAP5C_TS_COS	0.059	0.000	-0.004	-0.001	0.002	-0.290	0.002	0.035	0.018	0.013	-0.019	0.017	0.001	0.022	-0.026	-0.099
	FLAP5C TS SIN	0.000	0.000	0.001	0.000	0.001	1.466	0.001	0.046	0.004	0.037	-0.002	-0.001	0.005	0.001	0.010	0.065

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
44	54																
	FLAP1C_TS_COS	0.045	0.000	-0.002	-0.001	0.001	0.000	-0.001	0.010	0.003	-0.001	0.004	0.003	0.003	0.002	-0.002	-0.003
	FLAP1C_TS_SIN	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.004	0.008	0.002	-0.005	0.000	0.001	0.002	0.002	-0.001
	FLAP2C_TS_COS	0.030	0.000	-0.001	0.000	0.001	0.001	-0.001	0.006	0.002	-0.003	-0.006	-0.002	0.002	0.003	0.000	-0.001
	FLAP2C_TS_SIN	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.009	0.008	0.003	-0.002	-0.001	0.000	-0.001	-0.002
	FLAP3C_TS_COS	-0.062	0.000	-0.001	-0.001	0.001	0.002	-0.002	0.007	0.001	0.000	0.000	0.002	0.002	0.001	0.000	0.000
	FLAP3C_TS_SIN	0.000	-0.001	-0.001	0.000	0.002	0.000	0.000	0.001	0.006	0.002	0.002	0.000	0.001	-0.001	-0.003	-0.002
	FLAP4C_TS_COS	-0.023	-0.001	-0.002	-0.002	0.000	0.002	-0.001	0.005	0.001	-0.003	0.000	0.001	0.003	0.001	-0.001	-0.001
	FLAP4C_TS_SIN	0.000	0.000	0.001	-0.001	0.000	0.000	0.000	0.002	0.008	0.004	0.002	0.000	0.000	-0.001	-0.003	-0.002
	FLAP5C_TS_COS	0.059	0.001	0.001	0.000	0.000	0.002	-0.002	0.001	0.000	-0.001	0.000	0.001	0.001	0.000	-0.001	-0.001
	FLAP5C_TS_SIN	0.000	-0.001	-0.002	-0.001	0.001	-0.002	-0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.000	-0.001
RUN	POINT	Harmonics															
44	55																
	FLAP1C_TS_COS	0.048	0.001	0.002	0.002	-0.002	-0.001	0.001	0.012	0.004	-0.002	0.001	0.002	0.002	0.002	-0.001	-0.002
	FLAP1C_TS_SIN	0.000	0.001	-0.001	0.000	0.002	0.000	-0.002	0.006	0.009	0.003	-0.003	0.000	0.002	0.002	0.002	-0.001
	FLAP2C_TS_COS	0.039	0.003	0.003	0.003	-0.001	-0.001	0.000	0.007	0.004	-0.002	-0.005	-0.003	0.002	0.002	-0.001	-0.001
	FLAP2C_TS_SIN	0.000	0.001	-0.001	0.000	0.000	-0.001	-0.002	0.003	0.008	0.007	0.003	-0.001	0.000	0.002	-0.001	-0.003
	FLAP3C_TS_COS	-0.056	0.001	0.001	0.001	0.000	0.000	0.002	0.008	0.001	-0.001	-0.001	0.001	0.001	0.001	0.001	0.001
	FLAP3C_TS_SIN	0.000	0.001	-0.001	-0.001	0.001	-0.001	-0.001	0.003	0.006	0.002	0.000	0.001	0.001	-0.001	-0.003	-0.002
	FLAP4C_TS_COS	-0.014	0.001	0.001	0.002	-0.001	0.000	0.001	0.006	0.003	-0.003	-0.001	-0.001	0.001	0.001	-0.001	-0.001
	FLAP4C_TS_SIN	0.000	-0.001	0.000	0.001	0.001	-0.001	-0.001	0.002	0.008	0.004	0.003	0.001	0.001	0.000	-0.002	-0.002
	FLAP5C_TS_COS	0.063	0.000	0.000	0.000	-0.001	0.000	0.000	0.001	0.000	-0.001	0.000	0.000	0.000	0.000	-0.001	0.000
	FLAP5C_TS_SIN	0.000	0.001	0.000	0.000	0.001	-0.001	0.000	0.002	0.002	0.001	0.000	0.000	0.001	0.001	0.000	-0.001

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
44	56																
	FLAP1C_TS_COS	0.040	0.000	0.004	0.000	0.000	-0.001	0.000	0.009	0.002	-0.002	0.002	0.003	0.003	0.002	-0.001	-0.003
	FLAP1C_TS_SIN	0.000	-0.001	0.001	0.001	0.001	0.001	0.000	0.006	0.009	0.002	-0.003	0.000	0.001	0.001	0.001	-0.002
	FLAP2C_TS_COS	0.026	-0.001	0.002	0.000	0.000	0.001	0.000	0.005	0.002	-0.002	-0.004	-0.001	0.002	0.003	0.000	-0.001
	FLAP2C_TS_SIN	0.000	-0.001	0.002	0.000	-0.001	0.000	0.000	0.004	0.008	0.006	0.003	0.000	0.000	0.001	-0.001	-0.002
	FLAP3C_TS_COS	-0.062	0.000	0.003	0.000	0.001	0.000	0.000	0.006	0.001	0.000	0.000	0.002	0.002	0.001	0.001	0.000
	FLAP3C_TS_SIN	0.000	-0.001	0.001	0.000	0.000	0.001	0.000	0.003	0.006	0.002	0.001	0.000	0.000	-0.002	-0.003	-0.002
	FLAP4C_TS_COS	-0.022	0.000	0.002	0.000	0.000	0.000	0.000	0.006	0.001	-0.002	-0.001	0.001	0.003	0.001	-0.001	-0.002
	FLAP4C_TS_SIN	0.000	-0.001	0.001	0.000	0.000	0.001	0.000	0.003	0.009	0.004	0.003	0.000	0.001	-0.001	-0.003	-0.003
	FLAP5C_TS_COS	0.055	0.001	0.001	0.000	0.001	-0.001	0.000	0.001	-0.001	-0.001	0.000	0.001	0.000	0.000	-0.001	0.000
	FLAP5C_TS_SIN	0.000	-0.001	0.000	0.001	0.001	0.000	0.000	0.002	0.003	0.002	0.000	0.001	0.001	0.001	0.000	-0.001
RUN	POINT	Harmonics															
44	57																
	FLAP1C_TS_COS	0.041	0.000	0.001	0.000	0.000	-0.001	-0.001	0.009	0.003	-0.002	0.003	0.002	0.002	0.001	-0.001	-0.002
	FLAP1C_TS_SIN	0.000	-0.002	0.000	0.001	0.001	0.000	0.000	0.005	0.009	0.002	-0.002	0.001	0.002	0.002	0.001	-0.002
	FLAP2C_TS_COS	0.029	-0.001	0.001	-0.001	0.000	0.000	-0.001	0.005	0.003	-0.002	-0.005	-0.001	0.002	0.002	0.000	0.000
	FLAP2C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.008	0.007	0.003	-0.001	-0.001	0.001	-0.001	-0.002
	FLAP3C_TS_COS	-0.063	0.000	0.000	0.000	0.000	-0.001	0.000	0.008	0.001	0.000	-0.001	0.001	0.001	0.001	0.001	0.000
	FLAP3C_TS_SIN	0.000	-0.001	0.000	0.000	0.001	0.000	-0.001	0.003	0.007	0.002	0.001	0.001	0.001	-0.001	-0.003	-0.002
	FLAP4C_TS_COS	-0.022	0.000	0.001	-0.001	0.000	-0.001	0.000	0.003	0.001	-0.002	0.001	0.001	0.003	0.001	0.000	-0.001
	FLAP4C_TS_SIN	0.000	-0.001	0.000	0.001	0.000	0.000	0.000	0.002	0.007	0.003	0.003	0.001	0.002	0.000	-0.002	-0.003
	FLAP5C_TS_COS	0.058	0.000	0.000	0.000	0.001	0.000	0.001	0.001	-0.001	-0.002	-0.001	0.000	0.000	0.000	0.000	0.000
	FLAP5C_TS_SIN	0.000	-0.002	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.001	-0.001	0.000	0.001	0.001	0.000	-0.001

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
44	58																
	FLAP1C_TS_COS	0.041	0.000	0.002	0.001	0.000	0.000	0.009	0.002	-0.001	0.002	0.003	0.002	0.002	0.002	-0.001	-0.002
	FLAP1C_TS_SIN	0.000	0.001	0.000	0.000	0.001	-0.001	0.006	0.008	0.003	-0.002	0.000	0.001	0.001	0.001	0.001	-0.001
	FLAP2C_TS_COS	0.028	-0.001	0.001	0.000	-0.001	0.000	0.005	0.002	-0.001	-0.004	0.000	0.002	0.002	0.003	0.000	-0.001
	FLAP2C_TS_SIN	0.000	0.001	0.000	0.000	0.001	0.000	0.004	0.007	0.007	0.003	0.000	0.000	0.000	0.000	-0.001	-0.002
	FLAP3C_TS_COS	-0.061	0.000	0.002	0.001	0.001	0.000	0.006	0.001	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000
	FLAP3C_TS_SIN	0.000	0.001	-0.001	0.000	0.001	0.000	0.003	0.006	0.003	0.000	0.000	0.000	0.000	-0.001	-0.003	-0.002
	FLAP4C_TS_COS	-0.025	-0.001	0.001	0.001	0.000	0.001	0.006	0.002	-0.002	-0.001	0.001	0.003	0.001	0.001	-0.001	-0.001
	FLAP4C_TS_SIN	0.000	0.001	0.000	0.001	0.001	-0.001	0.001	0.008	0.004	0.004	0.001	0.002	-0.001	-0.003	-0.003	-0.003
	FLAP5C_TS_COS	0.060	-0.001	0.001	0.001	0.001	0.000	0.000	-0.002	-0.002	-0.001	0.001	0.000	0.000	0.000	-0.001	0.000
	FLAP5C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.001	0.003	0.003	0.001	-0.001	0.000	0.001	0.001	0.001	0.000	-0.001
RUN	POINT	Harmonics															
44	60																
	FLAP1C_TS_COS	0.047	0.000	-0.002	0.001	-0.001	0.000	0.008	0.002	-0.001	0.002	0.003	0.002	0.002	0.001	-0.002	-0.002
	FLAP1C_TS_SIN	0.000	0.000	0.000	0.000	-0.001	0.000	0.004	0.008	0.002	-0.002	0.001	0.002	0.002	0.001	0.001	-0.002
	FLAP2C_TS_COS	0.036	0.001	-0.001	0.000	-0.001	0.000	0.005	0.002	-0.003	-0.005	-0.001	0.002	0.002	0.002	0.000	-0.001
	FLAP2C_TS_SIN	0.000	0.000	0.000	0.000	-0.001	0.000	0.003	0.008	0.007	0.002	0.000	0.000	0.000	0.001	-0.001	-0.002
	FLAP3C_TS_COS	-0.060	-0.001	-0.002	0.000	0.000	0.000	0.007	0.001	-0.001	-0.001	0.001	0.002	0.002	0.001	0.000	0.000
	FLAP3C_TS_SIN	0.000	0.000	0.000	0.000	-0.001	0.000	0.001	0.006	0.002	0.001	0.001	0.001	0.001	-0.001	-0.003	-0.002
	FLAP4C_TS_COS	-0.016	0.001	-0.001	0.000	0.000	-0.001	0.003	0.000	-0.003	0.001	0.001	0.003	0.003	0.001	0.000	-0.001
	FLAP4C_TS_SIN	0.000	-0.001	0.001	0.000	-0.001	0.000	0.002	0.007	0.001	0.002	0.001	0.001	0.001	-0.001	-0.003	-0.003
	FLAP5C_TS_COS	0.063	0.000	-0.001	0.000	0.000	0.000	0.000	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	-0.001	0.000
	FLAP5C_TS_SIN	0.000	0.001	0.000	0.000	-0.001	0.000	0.002	0.002	0.001	0.000	0.000	0.001	0.001	0.001	0.000	-0.001

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
44	61																
	FLAP1C_TS_COS	0.043	0.000	-0.001	-0.001	-0.001	0.000	-0.001	0.008	0.002	-0.001	0.003	0.003	0.002	0.001	-0.001	-0.002
	FLAP1C_TS_SIN	0.000	-0.001	0.001	0.000	-0.001	0.000	0.000	0.005	0.009	0.002	-0.003	0.000	0.000	0.001	0.001	-0.001
	FLAP2C_TS_COS	0.027	0.000	-0.001	-0.001	-0.001	0.001	-0.001	0.005	0.001	-0.002	-0.004	-0.001	0.002	0.003	0.000	0.000
	FLAP2C_TS_SIN	0.000	0.000	0.001	0.000	-0.001	0.001	0.000	0.004	0.008	0.007	0.002	-0.001	-0.001	0.000	-0.002	-0.002
	FLAP3C_TS_COS	-0.062	0.000	0.000	-0.001	-0.001	0.000	-0.001	0.007	0.001	0.000	0.000	0.001	0.002	0.001	0.000	0.000
	FLAP3C_TS_SIN	0.000	-0.001	0.001	0.000	-0.001	0.001	0.000	0.002	0.006	0.002	0.001	0.000	0.001	-0.001	-0.002	-0.002
	FLAP4C_TS_COS	-0.024	-0.001	-0.001	-0.001	0.000	0.000	-0.002	0.004	0.000	-0.002	0.001	0.002	0.003	0.001	-0.001	-0.001
	FLAP4C_TS_SIN	0.000	0.001	0.001	0.001	0.000	0.002	0.000	0.002	0.007	0.003	0.003	0.000	0.001	-0.001	-0.003	-0.003
	FLAP5C_TS_COS	0.059	0.001	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	-0.002	0.000	0.001	0.001	0.000	0.000	0.000
	FLAP5C_TS_SIN	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.003	0.001	0.000	0.000	0.000	0.001	0.000	-0.001
RUN	POINT	Harmonics															
44	62		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.040	0.001	0.001	-0.001	0.000	-0.001	0.000	0.008	0.003	-0.001	0.003	0.003	0.001	0.001	-0.002	-0.003
	FLAP1C_TS_SIN	0.000	-0.002	0.002	0.001	0.000	0.000	0.000	0.005	0.008	0.002	-0.002	0.001	0.001	0.001	0.001	-0.001
	FLAP2C_TS_COS	0.030	0.000	0.001	-0.001	0.001	-0.001	0.000	0.004	0.002	-0.002	-0.004	-0.001	0.002	0.002	0.000	-0.001
	FLAP2C_TS_SIN	0.000	-0.002	0.002	0.001	0.000	0.001	0.000	0.004	0.008	0.007	0.002	-0.001	-0.001	0.000	-0.001	-0.002
	FLAP3C_TS_COS	-0.062	0.001	0.001	0.000	0.001	0.000	0.000	0.007	0.002	0.000	-0.001	0.001	0.001	0.001	0.000	0.000
	FLAP3C_TS_SIN	0.000	-0.002	0.001	0.000	0.000	0.001	0.000	0.002	0.006	0.003	0.001	0.000	0.001	-0.001	-0.003	-0.002
	FLAP4C_TS_COS	-0.023	-0.001	0.001	-0.001	0.001	-0.001	0.001	0.004	0.001	-0.002	0.000	0.001	0.002	0.001	-0.001	-0.001
	FLAP4C_TS_SIN	0.000	-0.001	0.001	0.002	0.000	0.000	0.000	0.003	0.008	0.004	0.003	0.001	0.001	-0.001	-0.003	-0.003
	FLAP5C_TS_COS	0.057	0.001	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	-0.002	-0.001	0.000	0.000	0.000	-0.001	0.000
	FLAP5C_TS_SIN	0.000	-0.001	0.000	-0.001	0.000	0.000	0.000	0.003	0.003	0.001	0.000	0.000	0.000	0.001	0.000	-0.001

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
44	64																
		0.049	0.000	-0.001	-0.001	0.001	0.000	0.008	0.002	-0.002	0.002	0.002	0.001	0.001	0.001	-0.001	-0.002
		0.000	0.000	-0.001	0.000	-0.001	0.002	0.005	0.009	0.002	-0.003	0.001	0.001	0.001	0.001	0.001	-0.002
		0.035	0.000	0.000	-0.001	0.001	0.000	0.004	0.001	-0.002	-0.005	-0.001	0.002	0.002	0.002	-0.001	-0.001
		0.000	0.000	-0.002	-0.001	-0.001	0.002	0.004	0.008	0.007	0.002	-0.001	-0.001	-0.001	0.001	-0.002	-0.003
		-0.059	-0.001	-0.001	-0.001	0.000	-0.001	0.007	0.001	-0.001	-0.001	0.001	0.001	0.001	0.001	0.000	0.000
		0.000	0.000	-0.001	-0.001	-0.001	0.000	0.001	0.006	0.002	0.001	0.000	0.001	0.001	-0.001	-0.003	-0.003
		-0.015	0.000	0.000	0.000	0.000	0.001	0.003	0.001	-0.003	0.001	0.000	0.000	0.002	0.001	-0.001	-0.001
		0.000	0.000	0.000	-0.001	-0.001	0.000	0.002	0.007	0.003	0.003	0.002	0.001	0.001	0.000	-0.003	-0.003
		0.064	0.000	0.000	0.000	0.000	0.000	0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		0.000	0.000	-0.002	-0.001	-0.001	0.000	0.003	0.002	0.000	-0.001	0.000	0.001	0.001	0.001	0.000	-0.001
RUN	POINT	Harmonics															
44	65																
		0.046	0.000	0.001	0.001	0.000	0.001	0.010	0.002	-0.002	0.002	0.003	0.002	0.002	0.001	-0.001	-0.002
		0.000	0.001	-0.001	-0.001	0.001	-0.001	0.006	0.009	0.002	-0.003	0.000	0.001	0.001	0.001	0.001	-0.002
		0.036	0.000	0.001	0.001	0.000	0.001	0.006	0.002	-0.002	-0.005	-0.001	0.002	0.002	0.002	-0.001	0.000
		0.000	0.001	0.000	0.000	0.001	0.000	0.004	0.008	0.007	0.003	0.000	0.000	0.000	0.000	-0.002	-0.002
		-0.060	0.000	0.001	0.000	0.000	0.001	0.008	0.001	-0.001	-0.001	0.001	0.002	0.002	0.001	0.001	0.000
		0.000	0.001	-0.001	-0.001	0.000	0.000	0.003	0.007	0.002	0.000	0.000	0.001	0.001	-0.001	-0.003	-0.002
		-0.024	0.000	0.000	-0.001	0.000	0.000	0.005	0.001	-0.002	0.000	0.000	0.003	0.003	0.001	-0.001	-0.002
		0.000	0.002	0.000	0.000	-0.001	0.000	0.002	0.008	0.003	0.004	0.001	0.001	0.001	0.001	-0.001	-0.002
		0.062	0.000	0.001	0.000	0.000	0.000	0.001	-0.001	-0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.001	-0.001	0.000	0.001	0.001	0.001	0.000	-0.001

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
44	66	0															
	FLAP1C_TS_COS	0.046	0.002	-0.001	0.001	-0.001	0.000	0.001	0.009	0.003	-0.002	0.002	0.002	0.001	0.002	-0.001	-0.002
	FLAP1C_TS_SIN	0.000	0.001	-0.001	0.000	0.001	0.000	0.000	0.004	0.008	0.002	-0.002	0.000	0.002	0.002	0.001	-0.001
	FLAP2C_TS_COS	0.038	0.001	0.000	0.001	-0.001	0.000	0.001	0.006	0.002	-0.003	-0.005	-0.001	0.002	0.002	-0.001	-0.001
	FLAP2C_TS_SIN	0.000	0.001	-0.001	0.000	0.001	0.000	0.000	0.004	0.008	0.006	0.002	-0.001	0.000	0.001	-0.001	-0.002
	FLAP3C_TS_COS	-0.057	0.000	0.000	0.001	-0.001	0.000	0.001	0.007	0.001	-0.001	-0.001	0.001	0.001	0.001	0.000	0.000
	FLAP3C_TS_SIN	0.000	0.001	0.000	0.000	0.000	-0.001	0.000	0.002	0.006	0.001	0.001	0.001	0.002	0.000	-0.003	-0.002
	FLAP4C_TS_COS	-0.010	0.001	0.000	0.001	0.000	-0.001	0.002	0.005	0.002	-0.003	-0.001	0.000	0.002	0.000	0.000	-0.001
	FLAP4C_TS_SIN	0.000	0.000	0.000	-0.001	0.001	-0.002	-0.002	0.001	0.007	0.003	0.003	0.001	0.002	0.000	-0.002	-0.002
	FLAP5C_TS_COS	0.064	-0.001	-0.001	0.000	0.000	0.001	0.001	0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000
	FLAP5C_TS_SIN	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.003	0.002	0.000	-0.001	0.000	0.001	0.001	0.000	-0.001
RUN	POINT	Harmonics															
44	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.049	0.001	1.476	-0.001	-0.002	0.001	0.002	0.039	0.007	-0.008	-0.017	0.003	0.019	0.017	0.010	0.001
	FLAP1C_TS_SIN	0.000	0.001	-0.041	0.000	0.002	0.001	0.000	0.002	0.020	0.000	-0.020	0.009	-0.008	0.011	0.007	-0.009
	FLAP2C_TS_COS	0.038	0.000	1.474	0.000	-0.001	-0.001	0.000	0.035	0.029	-0.006	-0.019	0.000	0.005	0.008	0.005	-0.001
	FLAP2C_TS_SIN	0.000	0.003	-0.040	0.001	0.003	0.001	-0.001	-0.018	0.026	0.011	-0.001	0.019	0.000	0.014	0.001	-0.009
	FLAP3C_TS_COS	-0.057	-0.002	1.473	0.002	0.000	0.000	0.000	0.023	0.017	-0.008	-0.028	-0.001	0.001	0.010	0.005	0.003
	FLAP3C_TS_SIN	0.000	0.003	-0.040	0.001	0.002	0.001	0.000	-0.008	0.011	-0.001	0.004	0.014	-0.003	0.005	-0.005	-0.007
	FLAP4C_TS_COS	-0.016	-0.002	1.478	0.001	-0.003	-0.001	0.000	0.033	0.022	-0.013	-0.003	-0.009	0.007	0.003	0.008	0.005
	FLAP4C_TS_SIN	0.000	0.001	-0.040	0.000	0.001	0.001	-0.001	-0.010	0.026	0.008	-0.013	0.016	-0.001	0.007	0.002	-0.015
	FLAP5C_TS_COS	0.064	-0.001	1.479	0.001	-0.002	-0.002	0.000	0.029	0.012	-0.010	-0.018	-0.001	0.008	0.012	0.000	-0.009
	FLAP5C TS SIN	0.000	-0.001	-0.041	-0.002	0.002	0.001	-0.001	-0.007	0.012	-0.009	0.000	0.021	-0.001	0.013	0.005	-0.009

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
44	70																
	FLAP1C_TS_COS	0.040	0.001	1.477	-0.001	-0.002	0.001	0.036	0.005	-0.007	-0.015	0.004	0.021	0.016	0.008	0.001	
	FLAP1C_TS_SIN	0.000	-0.001	-0.041	-0.001	0.000	-0.001	0.008	0.019	0.001	-0.022	0.005	-0.008	0.008	0.007	-0.008	
	FLAP2C_TS_COS	0.027	0.001	1.475	0.000	-0.001	-0.001	0.032	0.028	-0.003	-0.019	0.002	0.008	0.007	0.004	-0.003	
	FLAP2C_TS_SIN	0.000	0.000	-0.041	0.001	0.000	0.000	-0.012	0.024	0.012	-0.003	0.016	-0.002	0.010	0.001	-0.008	
	FLAP3C_TS_COS	-0.064	-0.001	1.474	0.001	-0.001	-0.001	0.023	0.014	-0.006	-0.027	0.001	0.004	0.010	0.004	0.002	
	FLAP3C_TS_SIN	0.000	0.001	-0.041	0.001	0.001	0.000	-0.003	0.010	0.000	0.002	0.012	-0.004	0.004	-0.007	-0.007	
	FLAP4C_TS_COS	-0.025	-0.002	1.479	0.002	-0.003	-0.001	0.034	0.021	-0.011	-0.001	-0.010	0.009	0.001	0.005	0.005	
	FLAP4C_TS_SIN	0.000	-0.001	-0.043	-0.001	0.002	-0.001	-0.006	0.025	0.009	-0.012	0.014	-0.002	0.003	0.001	-0.014	
	FLAP5C_TS_COS	0.056	0.000	1.481	0.001	-0.002	0.000	0.028	0.009	-0.010	-0.016	0.000	0.012	0.012	-0.001	-0.010	
	FLAP5C_TS_SIN	0.000	-0.002	-0.041	-0.002	0.001	0.000	0.000	0.010	-0.007	-0.003	0.019	-0.001	0.010	0.004	-0.009	
RUN	POINT	Harmonics															
44	71																
	FLAP1C_TS_COS	0.044	0.002	1.479	0.000	-0.003	0.000	0.035	0.007	-0.006	-0.012	0.006	0.020	0.015	0.008	0.002	
	FLAP1C_TS_SIN	0.000	0.000	-0.039	-0.001	0.000	0.000	0.003	0.017	0.001	-0.022	0.007	-0.005	0.009	0.008	-0.009	
	FLAP2C_TS_COS	0.032	0.001	1.480	0.001	-0.003	0.000	0.029	0.024	-0.004	-0.018	0.005	0.010	0.006	0.003	-0.002	
	FLAP2C_TS_SIN	0.000	0.002	-0.037	0.001	0.002	0.001	-0.011	0.022	0.012	-0.008	0.017	0.001	0.012	0.003	-0.010	
	FLAP3C_TS_COS	-0.061	-0.001	1.478	0.002	-0.001	0.000	0.024	0.014	-0.008	-0.028	0.000	0.003	0.008	0.005	0.002	
	FLAP3C_TS_SIN	0.000	0.002	-0.038	0.001	0.000	0.001	-0.004	0.011	-0.001	0.002	0.012	-0.003	0.004	-0.006	-0.008	
	FLAP4C_TS_COS	-0.021	-0.003	1.484	0.003	-0.003	0.000	0.031	0.021	-0.011	0.000	-0.007	0.009	0.002	0.007	0.005	
	FLAP4C_TS_SIN	0.000	0.001	-0.038	-0.001	0.001	0.001	-0.006	0.024	0.009	-0.014	0.016	0.000	0.005	0.004	-0.015	
	FLAP5C_TS_COS	0.059	0.000	1.484	0.002	-0.002	0.001	0.028	0.009	-0.009	-0.017	0.002	0.011	0.010	-0.001	-0.009	
	FLAP5C_TS_SIN	0.000	-0.001	-0.038	-0.002	0.001	0.000	-0.001	0.011	-0.008	-0.004	0.019	-0.001	0.010	0.005	-0.009	

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
44	74																
		0.045	0.002	1.477	0.000	-0.002	0.000	0.001	0.039	0.008	-0.007	-0.014	0.002	0.021	0.016	0.009	0.002
		FLAP1C_TS_COS															
		0.000	0.000	-0.041	0.000	0.001	-0.001	0.001	0.001	0.020	0.002	-0.023	0.010	-0.008	0.010	0.010	-0.008
		FLAP1C_TS_SIN															
		0.034	0.000	1.478	0.000	-0.002	-0.001	0.002	0.034	0.028	-0.005	-0.022	0.001	0.008	0.007	0.006	-0.001
		FLAP2C_TS_COS															
		0.000	0.002	-0.039	0.001	0.002	-0.001	0.001	-0.014	0.028	0.014	-0.004	0.017	-0.003	0.012	0.002	-0.008
		FLAP2C_TS_SIN															
		-0.060	-0.002	1.476	0.000	-0.002	-0.001	0.000	0.024	0.016	-0.007	-0.027	-0.001	0.001	0.009	0.006	0.003
		FLAP3C_TS_COS															
		0.000	0.002	-0.040	0.002	0.001	-0.001	0.001	-0.008	0.011	0.000	0.004	0.014	-0.003	0.005	-0.006	-0.008
		FLAP3C_TS_SIN															
		-0.019	-0.002	1.483	0.002	-0.003	0.000	0.001	0.034	0.023	-0.011	0.000	-0.009	0.008	0.002	0.008	0.006
		FLAP4C_TS_COS															
		0.000	0.001	-0.040	-0.001	0.001	0.000	0.002	-0.010	0.027	0.010	-0.015	0.018	-0.002	0.006	0.004	-0.014
		FLAP4C_TS_SIN															
		0.061	0.000	1.481	0.001	-0.002	0.000	0.000	0.031	0.011	-0.009	-0.017	-0.002	0.009	0.009	-0.001	-0.008
		FLAP5C_TS_COS															
		0.000	-0.001	-0.041	-0.001	0.001	0.000	0.000	-0.005	0.012	-0.007	-0.002	0.020	-0.002	0.011	0.006	-0.009
		FLAP5C_TS_SIN															
RUN	POINT	Harmonics															
44	75																
		0.044	0.000	1.477	0.000	-0.001	0.000	0.000	0.039	0.005	-0.007	-0.012	0.003	0.020	0.015	0.009	0.001
		FLAP1C_TS_COS															
		0.000	0.001	-0.046	-0.004	0.002	-0.001	0.000	0.002	0.015	0.001	-0.024	0.011	-0.007	0.010	0.011	-0.008
		FLAP1C_TS_SIN															
		0.031	0.001	1.477	0.001	-0.002	0.001	0.000	0.038	0.026	-0.003	-0.018	0.002	0.007	0.007	0.003	-0.001
		FLAP2C_TS_COS															
		0.000	0.002	-0.045	0.000	0.002	-0.001	-0.003	-0.011	0.024	0.012	-0.006	0.016	-0.001	0.012	0.003	-0.010
		FLAP2C_TS_SIN															
		-0.061	-0.001	1.475	0.003	0.000	0.000	-0.001	0.025	0.015	-0.007	-0.027	-0.001	0.001	0.009	0.005	0.003
		FLAP3C_TS_COS															
		0.000	0.003	-0.045	0.000	0.003	0.000	-0.001	-0.007	0.010	0.000	0.003	0.014	-0.003	0.004	-0.005	-0.007
		FLAP3C_TS_SIN															
		-0.021	-0.004	1.480	0.004	-0.002	0.000	-0.001	0.033	0.020	-0.011	-0.001	-0.008	0.006	0.002	0.006	0.006
		FLAP4C_TS_COS															
		0.000	0.001	-0.047	-0.004	0.002	-0.001	0.000	-0.007	0.023	0.010	-0.016	0.017	0.000	0.006	0.005	-0.016
		FLAP4C_TS_SIN															
		0.059	0.001	1.481	0.003	-0.001	0.001	0.000	0.037	0.009	-0.009	-0.019	-0.003	0.010	0.010	0.000	-0.008
		FLAP5C_TS_COS															
		0.000	0.000	-0.047	-0.002	0.004	0.000	-0.003	-0.001	0.013	-0.006	0.000	0.018	-0.003	0.010	0.007	-0.009
		FLAP5C_TS_SIN															

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
44	76																
	FLAP1C_TS_COS	0.046	0.001	1.481	-0.002	-0.002	0.001	0.000	0.035	0.006	-0.009	-0.011	0.006	0.021	0.014	0.008	0.001
	FLAP1C_TS_SIN	0.000	0.000	-0.041	-0.001	-0.003	-0.001	0.002	-0.002	0.020	0.003	-0.022	0.011	-0.006	0.010	0.008	-0.010
	FLAP2C_TS_COS	0.035	0.001	1.484	-0.001	-0.002	0.000	0.000	0.028	0.025	-0.006	-0.019	0.005	0.009	0.006	0.004	-0.002
	FLAP2C_TS_SIN	0.000	0.002	-0.040	0.002	-0.001	0.001	0.001	-0.016	0.025	0.013	-0.007	0.019	0.001	0.012	0.003	-0.010
	FLAP3C_TS_COS	-0.060	-0.002	1.478	0.001	-0.001	0.001	0.000	0.021	0.011	-0.008	-0.029	0.002	0.004	0.008	0.005	0.003
	FLAP3C_TS_SIN	0.000	0.002	-0.042	0.002	-0.002	0.000	0.002	-0.004	0.013	0.001	0.002	0.011	-0.003	0.004	-0.005	-0.008
	FLAP4C_TS_COS	-0.018	-0.002	1.485	0.002	-0.002	0.003	-0.001	0.027	0.019	-0.013	0.000	-0.006	0.009	0.001	0.008	0.004
	FLAP4C_TS_SIN	0.000	0.000	-0.041	-0.001	-0.002	0.001	0.003	-0.010	0.026	0.009	-0.014	0.018	-0.001	0.005	0.003	-0.016
	FLAP5C_TS_COS	0.062	0.000	1.485	0.000	-0.001	0.001	-0.001	0.026	0.007	-0.010	-0.019	0.002	0.011	0.010	-0.001	-0.008
	FLAP5C_TS_SIN	0.000	-0.001	-0.042	-0.001	-0.001	0.000	0.000	-0.002	0.013	-0.006	-0.001	0.019	-0.002	0.009	0.005	-0.010
RUN	POINT	Harmonics															
44	77																
	FLAP1C_TS_COS	0.045	0.003	1.479	-0.003	-0.001	-0.001	0.001	0.042	0.005	-0.007	-0.014	0.003	0.021	0.014	0.007	0.002
	FLAP1C_TS_SIN	0.000	-0.002	-0.043	0.002	0.000	0.000	-0.002	0.003	0.019	0.000	-0.024	0.008	-0.006	0.011	0.011	-0.008
	FLAP2C_TS_COS	0.033	0.001	1.479	-0.004	-0.003	-0.002	0.000	0.036	0.026	-0.004	-0.020	0.000	0.006	0.004	0.003	-0.002
	FLAP2C_TS_SIN	0.000	-0.001	-0.041	0.005	0.001	0.000	-0.002	-0.016	0.024	0.010	-0.006	0.016	-0.001	0.012	0.003	-0.009
	FLAP3C_TS_COS	-0.059	0.000	1.476	0.000	-0.001	-0.001	0.000	0.025	0.013	-0.008	-0.028	-0.001	0.001	0.008	0.005	0.002
	FLAP3C_TS_SIN	0.000	0.001	-0.042	0.002	0.000	0.000	0.000	-0.006	0.010	-0.002	0.003	0.013	-0.002	0.006	-0.004	-0.008
	FLAP4C_TS_COS	-0.019	-0.001	1.483	0.001	-0.002	0.000	-0.001	0.036	0.019	-0.011	-0.003	-0.010	0.007	0.000	0.007	0.006
	FLAP4C_TS_SIN	0.000	-0.003	-0.042	0.002	0.000	0.001	-0.001	-0.008	0.025	0.008	-0.015	0.015	-0.001	0.005	0.005	-0.015
	FLAP5C_TS_COS	0.061	0.001	1.483	-0.001	-0.001	0.000	0.001	0.031	0.009	-0.009	-0.016	-0.001	0.009	0.008	-0.001	-0.009
	FLAP5C TS SIN	0.000	-0.003	-0.043	0.001	0.000	0.000	-0.001	-0.004	0.010	-0.009	-0.002	0.020	0.000	0.010	0.007	-0.009

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
44	78	0.046	0.000	1.477	-0.003	-0.003	-0.001	0.001	0.036	0.004	-0.008	-0.013	0.003	0.020	0.014	0.006	0.003
		0.000	-0.001	-0.037	0.000	-0.001	0.000	0.000	0.006	0.017	0.000	-0.026	0.008	-0.004	0.010	0.009	-0.008
		0.036	0.000	1.478	-0.001	-0.001	0.000	0.000	0.036	0.028	-0.006	-0.019	0.000	0.007	0.005	0.003	-0.002
		0.000	0.002	-0.037	0.001	0.001	0.002	0.000	-0.014	0.025	0.011	-0.007	0.016	0.000	0.013	0.002	-0.009
		-0.059	-0.001	1.476	0.001	-0.001	0.001	0.001	0.024	0.015	-0.009	-0.026	0.000	0.004	0.009	0.005	0.004
		0.000	0.002	-0.036	0.002	0.000	0.000	0.000	-0.006	0.009	-0.001	0.001	0.012	-0.001	0.006	-0.006	-0.007
		-0.017	-0.003	1.482	0.000	-0.003	0.000	0.000	0.035	0.019	-0.013	-0.002	-0.010	0.008	0.001	0.008	0.007
		0.000	0.000	-0.038	-0.001	-0.001	0.000	-0.001	-0.003	0.026	0.008	-0.014	0.014	0.001	0.005	0.003	-0.015
		0.063	0.000	1.483	0.000	-0.002	-0.001	0.000	0.028	0.013	-0.010	-0.015	-0.002	0.010	0.010	-0.001	-0.007
		0.000	-0.002	-0.037	-0.001	0.000	0.001	-0.001	-0.004	0.009	-0.008	-0.003	0.020	0.002	0.012	0.007	-0.009
44	79	0.043	0.001	1.482	-0.003	0.001	-0.001	0.000	0.039	0.006	-0.008	-0.013	0.003	0.019	0.015	0.007	0.002
		0.000	-0.002	-0.042	0.000	-0.002	0.001	0.000	0.003	0.017	-0.001	-0.023	0.011	-0.004	0.012	0.009	-0.009
		0.031	0.001	1.483	-0.002	0.000	-0.001	-0.001	0.035	0.026	-0.006	-0.020	0.000	0.006	0.005	0.004	-0.001
		0.000	0.000	-0.042	0.003	0.000	0.003	0.000	-0.015	0.026	0.009	-0.005	0.017	0.002	0.013	0.002	-0.010
		-0.061	-0.003	1.478	0.001	0.001	-0.001	-0.002	0.024	0.013	-0.008	-0.028	-0.001	0.003	0.010	0.006	0.003
		0.000	0.001	-0.043	0.003	0.000	0.002	0.000	-0.005	0.011	-0.002	0.003	0.014	-0.001	0.006	-0.006	-0.008
		-0.021	-0.004	1.487	0.000	-0.001	0.000	-0.001	0.032	0.019	-0.012	-0.003	-0.010	0.007	0.002	0.008	0.006
		0.000	-0.002	-0.044	0.001	-0.001	0.002	0.000	-0.006	0.025	0.007	-0.012	0.017	0.002	0.008	0.004	-0.016
		0.059	-0.001	1.487	-0.001	0.000	-0.002	-0.001	0.031	0.009	-0.009	-0.017	-0.002	0.010	0.011	0.001	-0.008
		0.000	-0.003	-0.043	-0.001	0.000	0.002	-0.001	-0.003	0.010	-0.010	-0.001	0.020	0.001	0.012	0.007	-0.010

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
	FLAP1C_TS_COS	0.015	0.002	0.042	-0.001	0.000	0.000	0.001	0.046	-0.006	0.018	0.026	0.023	0.003	0.006	0.000	-0.005		
	FLAP1C_TS_SIN	0.000	0.002	1.486	0.000	0.000	-0.002	0.000	-0.001	0.029	0.007	-0.024	0.007	0.008	0.002	0.008	0.007		
	FLAP2C_TS_COS	0.033	0.001	0.040	-0.004	0.000	-0.001	0.001	0.038	-0.002	0.010	0.028	0.020	0.009	0.008	0.003	0.005		
	FLAP2C_TS_SIN	0.000	0.001	1.488	0.000	-0.002	-0.003	0.001	0.004	0.029	0.008	-0.023	0.002	0.000	0.005	-0.010	0.002		
	FLAP3C_TS_COS	-0.065	0.000	0.040	-0.002	0.001	-0.001	0.000	0.030	-0.002	0.014	0.011	0.013	0.005	0.002	0.004	0.001		
	FLAP3C_TS_SIN	0.000	-0.001	1.484	0.001	0.001	-0.001	0.000	-0.008	0.018	0.006	-0.029	-0.006	0.003	0.001	0.000	-0.001		
	FLAP4C_TS_COS	-0.027	0.002	0.041	-0.002	0.001	-0.001	-0.001	0.052	-0.002	0.011	0.037	0.024	0.010	0.006	0.008	-0.001		
	FLAP4C_TS_SIN	0.000	-0.001	1.488	0.003	-0.001	-0.001	0.000	-0.011	0.023	0.007	-0.015	-0.003	-0.002	0.011	-0.005	0.003		
	FLAP5C_TS_COS	0.054	0.004	0.042	0.000	0.001	-0.001	0.001	0.042	-0.004	0.016	0.013	0.019	0.006	0.000	-0.001	-0.003		
	FLAP5C_TS_SIN	0.000	-0.001	1.488	0.001	0.000	-0.001	0.000	-0.002	0.026	0.009	-0.026	-0.004	0.008	0.003	0.005	0.003		
RUN	POINT	Harmonics																	
45	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
	FLAP1C_TS_COS	0.015	0.001	0.784	0.001	0.001	0.002	0.000	0.043	0.002	0.004	0.001	0.020	0.007	0.013	0.000	-0.007		
	FLAP1C_TS_SIN	0.000	0.001	1.266	-0.005	-0.001	-0.001	0.002	0.007	0.025	0.005	0.014	-0.004	0.001	-0.005	-0.005	0.001		
	FLAP2C_TS_COS	0.032	-0.001	0.784	0.000	0.000	0.001	-0.001	0.034	0.003	-0.003	-0.018	0.018	0.020	0.008	0.001	-0.003		
	FLAP2C_TS_SIN	0.000	0.001	1.266	-0.003	0.001	-0.002	0.003	0.006	0.032	0.002	0.008	-0.005	0.000	0.001	-0.006	-0.004		
	FLAP3C_TS_COS	-0.066	-0.002	0.781	-0.001	0.001	0.001	-0.001	0.031	0.002	0.000	-0.005	0.011	0.016	0.007	0.006	0.002		
	FLAP3C_TS_SIN	0.000	0.001	1.263	0.000	-0.001	-0.003	0.001	-0.004	0.025	0.000	0.017	-0.009	-0.003	-0.002	-0.018	-0.001		
	FLAP4C_TS_COS	-0.027	-0.002	0.787	0.002	0.000	0.000	-0.002	0.035	-0.005	0.004	-0.018	0.023	0.018	0.004	-0.004	-0.004		
	FLAP4C_TS_SIN	0.000	-0.001	1.269	-0.003	-0.002	-0.002	0.000	-0.011	0.027	-0.010	0.001	-0.003	-0.001	0.001	0.001	-0.002		
	FLAP5C_TS_COS	0.052	0.001	0.785	0.002	0.001	0.001	-0.001	0.036	0.001	-0.005	0.006	0.016	0.016	0.007	-0.002	-0.002		
	FLAP5C TS SIN	0.000	-0.001	1.267	-0.004	-0.001	-0.001	0.003	0.002	0.034	0.004	0.027	-0.009	-0.002	0.002	-0.014	-0.002		

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
45	33																
		0.013	0.001	1.304	-0.001	-0.003	0.000	0.038	-0.002	0.000	0.030	0.005	0.018	0.019	0.000	0.003	0.003
		0.000	0.000	0.705	0.001	-0.001	-0.002	0.012	0.027	0.014	-0.010	0.004	0.010	-0.001	-0.013	-0.014	-0.014
		0.030	0.000	1.304	-0.001	-0.002	0.000	0.039	0.011	-0.008	0.019	-0.010	0.017	0.020	0.010	0.006	0.006
		0.000	0.000	0.706	0.001	-0.002	-0.002	-0.003	0.040	0.017	0.017	0.002	-0.001	0.000	-0.021	-0.013	-0.013
		-0.066	-0.001	1.303	0.000	-0.001	0.000	0.034	0.011	-0.006	0.024	-0.009	0.006	0.013	0.013	0.007	0.007
		0.000	0.001	0.705	0.002	0.000	-0.001	-0.009	0.026	0.000	-0.010	0.009	-0.003	-0.003	-0.012	-0.016	-0.016
		-0.028	-0.001	1.308	0.001	-0.002	0.000	0.032	-0.002	-0.017	0.021	-0.003	0.023	0.022	0.012	0.004	0.004
		0.000	-0.001	0.706	0.001	-0.002	-0.002	0.003	0.042	0.005	0.019	-0.009	-0.001	-0.005	-0.028	-0.007	-0.007
		0.051	0.001	1.307	0.001	-0.001	0.001	0.034	0.006	-0.011	0.036	-0.007	0.009	0.013	0.007	0.001	0.001
		0.000	-0.001	0.707	0.000	-0.001	-0.001	0.002	0.032	0.007	-0.016	0.008	0.003	0.000	-0.014	-0.014	-0.014
RUN	POINT	Harmonics															
45	35																
		0.021	0.000	1.247	-0.004	-0.002	0.001	0.031	-0.022	-0.044	0.022	0.022	0.018	0.016	-0.001	-0.002	-0.002
		0.000	0.003	-0.776	-0.001	-0.003	0.001	0.014	0.044	0.003	-0.018	-0.013	-0.002	0.010	0.007	-0.003	-0.003
		0.039	0.000	1.261	0.000	-0.002	0.000	0.033	0.012	-0.013	0.008	0.012	0.006	0.013	-0.013	-0.010	-0.010
		0.000	0.002	-0.788	0.000	-0.001	0.001	-0.025	0.027	0.017	0.041	0.010	0.003	-0.002	-0.002	0.003	0.003
		-0.062	-0.002	1.258	0.002	-0.001	0.001	0.025	0.007	-0.014	0.028	0.006	-0.001	0.003	0.003	0.004	0.004
		0.000	0.003	-0.786	0.001	-0.001	0.001	0.002	-0.016	0.007	0.017	0.005	0.008	0.000	-0.001	-0.002	-0.002
		-0.020	-0.003	1.262	-0.001	-0.003	0.001	0.034	-0.004	-0.016	0.012	0.014	0.011	0.008	-0.016	-0.006	-0.006
		0.000	0.003	-0.789	-0.002	-0.001	0.000	-0.017	0.029	0.007	0.036	0.011	0.001	0.002	-0.009	-0.003	-0.003
		0.059	-0.003	1.263	-0.001	0.000	0.001	0.030	0.004	-0.024	0.040	0.016	0.004	0.006	-0.004	0.001	0.001
		0.000	0.002	-0.789	-0.002	0.000	0.002	-0.018	0.028	0.012	0.008	0.005	0.002	0.006	0.001	-0.003	-0.003

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
45	POINT 36	0.020	0.004	0.706	-0.006	-0.004	-0.001	0.003	0.061	0.011	-0.024	-0.029	-0.011	-0.006	-0.001	-0.002	-0.004
		0.000	0.004	-1.302	0.003	-0.002	-0.005	-0.003	0.036	0.066	0.031	-0.033	0.010	-0.003	0.001	-0.003	-0.005
		0.034	0.003	0.711	0.001	0.000	0.001	0.002	0.018	0.011	0.003	0.005	0.004	-0.002	0.002	-0.002	-0.008
		0.000	0.000	-1.309	0.002	0.001	0.000	0.000	-0.017	0.019	0.001	-0.015	0.015	0.004	0.001	-0.008	0.003
		-0.065	0.001	0.708	0.001	0.001	-0.001	0.001	0.025	0.008	-0.002	-0.012	0.008	0.000	0.002	-0.003	0.003
		0.000	0.002	-1.305	0.000	0.000	0.000	0.000	-0.001	0.021	-0.006	-0.029	0.004	0.007	0.002	-0.007	-0.001
		-0.028	0.000	0.710	0.001	-0.001	0.002	0.001	0.039	0.007	0.000	0.021	0.002	-0.001	0.004	0.006	-0.007
		0.000	0.001	-1.311	-0.002	0.002	0.000	0.002	-0.008	0.027	-0.002	-0.019	0.020	-0.001	0.005	-0.003	0.002
45	POINT 37	0.054	0.000	0.710	-0.001	0.002	0.000	0.000	0.020	0.008	-0.007	-0.010	0.011	0.002	0.002	-0.003	-0.002
		0.000	0.001	-1.310	0.000	0.002	0.000	0.000	-0.007	0.022	-0.002	-0.030	0.007	0.000	0.001	-0.001	-0.003
		Harmonics															
		0.014	-0.002	-0.045	0.002	0.004	0.004	0.002	0.058	0.035	0.010	-0.003	0.005	-0.004	-0.014	-0.008	-0.010
		0.000	-0.004	-1.491	0.000	-0.001	0.000	0.001	0.001	0.025	0.017	0.023	0.012	0.015	0.012	0.006	-0.001
		0.036	0.002	-0.042	0.001	0.003	0.001	-0.001	0.029	0.018	-0.007	-0.022	0.014	0.005	-0.004	-0.014	0.001
		0.000	-0.001	-1.490	0.000	0.000	0.001	0.000	0.013	0.024	0.005	0.012	0.008	0.014	0.011	0.005	0.002
		-0.063	0.001	-0.043	0.001	0.000	-0.001	0.001	0.037	0.019	-0.004	-0.008	0.007	0.005	-0.003	0.002	-0.001
45	POINT 38	0.000	0.001	-1.485	-0.001	-0.001	-0.001	-0.001	0.005	0.020	0.002	0.014	-0.008	0.007	0.009	-0.001	0.000
		-0.025	0.001	-0.045	0.000	0.001	-0.002	0.002	0.043	0.012	-0.021	-0.018	0.020	-0.001	-0.009	-0.013	0.010
		0.000	0.001	-1.491	-0.002	0.002	-0.003	-0.004	0.018	0.032	0.005	-0.004	0.021	0.015	0.010	0.002	0.006
		0.056	-0.001	-0.043	-0.001	0.002	0.002	0.001	0.028	0.015	-0.007	0.001	0.017	0.006	-0.001	-0.004	0.004
		0.000	0.001	-1.491	0.000	-0.001	0.001	0.000	0.015	0.015	0.011	0.012	0.001	0.006	0.013	0.004	-0.003

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
45	38	FLAP1C_TS_COS	0.013	-0.001	-0.786	0.001	0.000	-0.002	0.000	0.048	0.016	-0.012	0.016	0.004	0.013	-0.004	-0.017	-0.002
		FLAP1C_TS_SIN	0.000	-0.001	-1.265	0.001	-0.002	0.000	0.001	-0.001	0.031	0.016	-0.026	0.001	0.010	0.007	-0.007	0.004
		FLAP2C_TS_COS	0.033	0.001	-0.784	0.002	-0.001	-0.002	0.002	0.057	0.020	0.004	0.010	-0.001	0.008	0.003	-0.008	-0.016
		FLAP2C_TS_SIN	0.000	0.000	-1.268	0.001	-0.002	-0.002	0.000	0.008	0.026	0.024	-0.002	-0.015	0.005	-0.004	-0.007	0.000
		FLAP3C_TS_COS	-0.066	0.001	-0.782	0.001	-0.002	-0.001	0.002	0.044	0.020	-0.001	0.010	-0.003	0.005	-0.002	-0.013	-0.004
		FLAP3C_TS_SIN	0.000	0.001	-1.263	-0.001	-0.002	0.000	0.000	-0.006	0.019	0.010	-0.021	-0.001	0.006	-0.005	-0.002	0.007
		FLAP4C_TS_COS	-0.029	0.001	-0.786	-0.001	0.000	0.002	0.002	0.071	0.012	-0.005	0.006	0.020	0.009	-0.005	-0.009	-0.007
		FLAP4C_TS_SIN	0.000	0.001	-1.269	-0.001	-0.002	0.000	0.001	0.019	0.029	0.024	-0.002	-0.009	0.011	0.001	-0.008	0.001
45	39	FLAP5C_TS_COS	0.053	-0.001	-0.787	-0.001	-0.001	0.000	0.001	0.048	0.006	-0.002	0.011	0.005	0.014	-0.004	-0.015	-0.004
		FLAP5C_TS_SIN	0.000	0.002	-1.268	0.001	-0.003	0.000	0.000	0.006	0.026	0.010	-0.026	-0.008	0.001	0.000	-0.006	0.004
		RUN	POINT	Harmonics														
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		FLAP1C_TS_COS	0.012	0.000	-1.317	0.003	-0.002	-0.001	-0.001	0.040	-0.001	-0.007	-0.021	0.002	0.018	0.005	0.000	-0.003
		FLAP1C_TS_SIN	0.000	0.001	-0.707	0.000	0.002	-0.001	-0.001	-0.004	0.024	0.012	-0.001	0.003	0.001	0.001	-0.013	-0.005
		FLAP2C_TS_COS	0.029	-0.001	-1.315	0.005	-0.002	-0.002	0.000	0.052	0.007	-0.009	-0.023	0.006	0.010	0.007	-0.001	-0.004
		FLAP2C_TS_SIN	0.000	0.002	-0.707	-0.003	-0.001	-0.001	0.002	-0.011	0.014	0.005	0.009	0.003	-0.006	-0.006	-0.002	-0.011
45	39	FLAP3C_TS_COS	-0.067	0.001	-1.312	0.001	-0.002	-0.002	-0.001	0.040	0.006	-0.001	-0.019	0.001	0.003	0.002	-0.001	-0.001
		FLAP3C_TS_SIN	0.000	0.001	-0.706	-0.002	0.000	0.000	-0.001	-0.008	0.011	0.006	0.012	0.006	0.001	-0.005	-0.016	-0.010
		FLAP4C_TS_COS	-0.029	0.002	-1.320	0.002	-0.001	-0.001	-0.003	0.072	0.007	-0.006	-0.013	0.010	0.013	0.003	-0.008	-0.005
		FLAP4C_TS_SIN	0.000	0.004	-0.709	-0.002	0.001	0.001	0.002	-0.005	0.040	0.013	-0.018	-0.001	-0.001	-0.007	-0.003	-0.004
		FLAP5C_TS_COS	0.051	-0.001	-1.319	0.000	-0.003	-0.001	-0.001	0.035	0.012	-0.010	-0.020	0.007	0.010	0.006	-0.006	-0.001
		FLAP5C_TS_SIN	0.000	0.004	-0.709	0.001	0.000	-0.001	-0.002	-0.008	0.019	0.006	0.007	0.005	0.004	-0.004	-0.011	-0.012

RUN	POINT	Harmonics																	
		45	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.016	-0.002	-1.485	-0.001	0.001	0.001	-0.001	0.016	-0.010	0.001	0.038	0.004	0.005	0.011	-0.001	0.004	0.004	
FLAP1C	TS_SIN	0.000	-0.001	0.039	0.002	-0.001	0.001	0.001	-0.011	0.022	-0.001	0.003	-0.002	0.003	0.004	0.001	-0.005	-0.005	
FLAP2C	TS_COS	0.037	-0.001	-1.491	-0.003	0.002	-0.003	0.005	0.012	-0.009	0.006	0.022	0.001	0.012	0.015	0.000	-0.002	-0.002	
FLAP2C	TS_SIN	0.000	-0.007	0.037	0.005	0.000	0.000	0.000	-0.020	0.010	0.028	0.022	-0.007	0.011	0.000	-0.011	-0.003	-0.003	
FLAP3C	TS_COS	-0.064	0.000	-1.484	-0.002	0.001	0.001	0.001	0.017	-0.001	0.007	0.033	0.005	0.003	0.003	0.007	0.000	0.000	
FLAP3C	TS_SIN	0.000	-0.003	0.037	0.000	0.000	-0.001	0.000	-0.017	0.011	0.011	-0.001	0.000	-0.003	-0.006	-0.002	-0.005	-0.005	
FLAP4C	TS_COS	-0.026	0.001	-1.488	-0.004	0.002	0.000	0.000	0.036	-0.002	-0.004	0.016	0.011	0.008	0.005	-0.001	0.003	0.003	
FLAP4C	TS_SIN	0.000	-0.002	0.039	0.002	-0.001	0.001	0.001	-0.011	0.018	0.017	0.013	0.003	0.014	-0.004	-0.017	-0.012	-0.012	
FLAP5C	TS_COS	0.055	0.000	-1.489	-0.002	0.000	0.000	0.000	0.008	-0.004	0.009	0.041	0.003	0.013	0.007	-0.005	0.005	0.005	
FLAP5C	TS_SIN	0.000	0.000	0.037	0.003	-0.001	0.000	0.000	-0.020	0.009	0.010	0.003	-0.004	0.000	0.004	-0.005	-0.006	-0.006	
RUN	POINT	Harmonics																	
45	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.016	0.001	-1.264	0.003	-0.002	0.001	0.001	0.020	0.006	-0.004	-0.001	-0.004	0.008	-0.002	0.004	-0.001	-0.001	
FLAP1C	TS_SIN	0.000	0.002	0.784	0.001	0.003	0.001	0.003	0.008	0.018	0.004	-0.021	0.017	0.008	0.004	0.011	-0.002	-0.002	
FLAP2C	TS_COS	0.035	0.000	-1.267	0.000	-0.002	0.000	-0.002	0.003	-0.004	0.006	-0.008	0.005	0.004	0.006	0.006	0.001	0.001	
FLAP2C	TS_SIN	0.000	0.000	0.785	-0.001	0.001	-0.001	0.001	0.005	0.007	0.004	-0.023	0.015	0.001	0.005	0.004	-0.001	-0.001	
FLAP3C	TS_COS	-0.064	0.002	-1.264	0.000	-0.002	0.000	-0.002	0.012	0.005	0.004	-0.024	0.003	0.001	0.003	0.000	0.003	0.003	
FLAP3C	TS_SIN	0.000	-0.001	0.782	0.000	0.002	0.000	0.002	0.001	0.013	0.008	-0.017	0.011	0.002	0.001	-0.004	-0.002	-0.002	
FLAP4C	TS_COS	-0.026	0.003	-1.267	0.000	0.000	0.000	0.000	0.013	-0.007	0.009	0.004	0.003	0.005	0.007	0.010	-0.002	-0.002	
FLAP4C	TS_SIN	0.000	0.000	0.787	0.002	0.002	0.002	0.002	-0.003	0.008	0.005	-0.021	0.012	-0.001	0.007	0.009	-0.007	-0.007	
FLAP5C	TS_COS	0.054	0.002	-1.267	0.002	-0.002	0.000	-0.002	0.007	0.002	-0.002	-0.014	0.002	0.006	-0.002	0.002	0.001	0.001	
FLAP5C	TS_SIN	0.000	0.001	0.784	0.002	0.003	0.000	0.003	0.005	0.016	0.007	-0.014	0.013	0.011	0.006	0.008	-0.003	-0.003	

RUN	POINT	Harmonics																	
		45	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.016	-0.002	-0.705	0.002	0.002	0.002	0.000	0.003	0.049	-0.007	-0.006	0.015	0.012	-0.013	0.001	0.005	0.005	
FLAP1C	TS_SIN	0.000	0.002	1.308	-0.003	0.003	-0.001	0.001	0.001	0.014	0.018	0.007	0.020	0.024	0.002	0.011	0.007	0.010	
FLAP2C	TS_COS	0.033	-0.004	-0.705	0.002	0.004	0.000	0.000	0.000	0.035	-0.009	0.005	-0.010	0.017	-0.003	0.006	-0.001	0.002	
FLAP2C	TS_SIN	0.000	0.000	1.309	-0.002	0.003	0.001	0.002	0.002	0.012	0.013	-0.001	0.028	0.014	0.008	0.009	0.002	0.008	
FLAP3C	TS_COS	-0.064	-0.001	-0.704	0.000	0.003	0.001	0.001	0.001	0.032	-0.003	-0.005	0.007	0.013	-0.004	0.001	0.013	0.011	
FLAP3C	TS_SIN	0.000	-0.001	1.305	-0.001	0.002	0.000	0.000	0.001	0.007	0.013	0.008	0.017	0.004	0.002	0.009	-0.003	-0.001	
FLAP4C	TS_COS	-0.026	-0.002	-0.706	0.000	0.003	-0.001	0.003	0.003	0.048	-0.006	0.006	-0.019	0.017	-0.003	0.004	-0.008	-0.002	
FLAP4C	TS_SIN	0.000	0.001	1.311	0.000	0.002	0.002	-0.003	-0.001	0.005	0.013	0.003	0.024	0.022	0.007	0.012	0.000	0.006	
FLAP5C	TS_COS	0.053	0.000	-0.706	0.002	0.003	0.000	0.000	0.001	0.040	-0.001	-0.003	0.018	0.015	-0.009	0.003	0.003	0.013	
FLAP5C	TS_SIN	0.000	0.001	1.310	-0.001	0.003	-0.001	0.001	0.001	0.015	0.012	0.009	0.024	0.016	0.002	0.014	0.004	0.008	
RUN	POINT	Harmonics																	
45	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.018	0.000	0.047	-0.002	0.002	0.001	0.000	0.041	-0.005	0.018	0.027	0.018	0.001	0.004	0.000	-0.007	-0.007	
FLAP1C	TS_SIN	0.000	0.001	1.488	0.001	-0.002	0.001	0.000	0.005	0.027	0.008	-0.024	0.010	0.008	0.003	0.008	0.008	0.008	
FLAP2C	TS_COS	0.034	-0.002	0.047	-0.002	0.004	0.001	0.001	0.036	-0.005	0.009	0.034	0.016	0.007	0.003	0.004	0.004	0.004	
FLAP2C	TS_SIN	0.000	-0.001	1.489	0.001	-0.002	0.001	0.000	0.007	0.028	0.005	-0.022	0.006	0.001	0.007	-0.011	0.004	0.004	
FLAP3C	TS_COS	-0.064	-0.002	0.043	-0.001	0.002	0.002	0.000	0.030	-0.004	0.014	0.013	0.013	0.004	0.001	0.002	0.000	0.000	
FLAP3C	TS_SIN	0.000	-0.001	1.485	0.002	0.000	0.000	0.000	-0.004	0.017	0.007	-0.031	-0.004	0.004	0.003	-0.001	-0.001	-0.001	
FLAP4C	TS_COS	-0.026	0.000	0.048	0.000	0.004	-0.001	0.001	0.050	-0.005	0.009	0.042	0.021	0.008	0.000	0.009	-0.002	-0.002	
FLAP4C	TS_SIN	0.000	-0.003	1.492	0.004	-0.002	0.000	0.000	-0.006	0.021	0.005	-0.015	0.000	0.000	0.015	-0.007	0.002	0.002	
FLAP5C	TS_COS	0.055	0.000	0.046	0.000	0.003	0.000	0.000	0.040	-0.006	0.014	0.011	0.014	0.004	-0.004	-0.001	-0.003	-0.003	
FLAP5C	TS_SIN	0.000	-0.002	1.489	0.002	-0.001	0.001	-0.001	0.005	0.027	0.012	-0.025	-0.002	0.008	0.004	0.006	0.002	0.002	

RUN	POINT	Harmonics																	
		45	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.023	-0.003	-1.272	0.001	0.000	0.002	0.000	0.002	0.000	0.025	0.006	-0.003	-0.004	-0.008	0.006	-0.002	0.003	-0.001
FLAP1C	TS_SIN	0.000	0.002	0.780	-0.001	-0.002	0.002	0.002	0.002	0.002	0.012	0.023	0.004	-0.020	0.017	0.009	0.004	0.010	-0.003
FLAP2C	TS_COS	0.043	-0.005	-1.275	0.000	0.002	0.000	0.002	0.000	-0.002	0.005	-0.003	0.008	-0.010	0.003	0.001	0.006	0.007	0.000
FLAP2C	TS_SIN	0.000	0.002	0.780	-0.007	0.000	0.004	-0.001	0.004	-0.001	0.004	0.013	0.001	-0.020	0.016	0.000	0.005	0.003	-0.003
FLAP3C	TS_COS	-0.059	-0.002	-1.270	-0.001	-0.001	0.000	-0.001	0.000	-0.001	0.016	0.006	0.005	-0.024	0.002	-0.001	0.002	-0.001	0.004
FLAP3C	TS_SIN	0.000	-0.002	0.777	-0.001	-0.002	0.002	0.002	0.002	0.002	0.002	0.016	0.009	-0.015	0.010	0.002	0.001	-0.004	-0.001
FLAP4C	TS_COS	-0.018	-0.001	-1.276	-0.001	0.000	0.000	0.000	0.000	0.000	0.017	-0.008	0.011	0.004	0.001	0.002	0.006	0.010	-0.002
FLAP4C	TS_SIN	0.000	0.002	0.782	-0.001	-0.002	0.003	0.000	0.000	0.000	0.000	0.012	0.005	-0.022	0.015	0.000	0.006	0.009	-0.009
FLAP5C	TS_COS	0.060	-0.001	-1.271	0.001	-0.002	0.002	0.001	0.001	0.008	0.008	0.003	-0.001	-0.017	0.000	0.004	-0.004	0.000	0.002
FLAP5C	TS_SIN	0.000	0.001	0.780	0.000	-0.002	0.002	0.001	0.002	0.008	0.008	0.018	0.007	-0.012	0.012	0.011	0.006	0.005	-0.004
RUN	POINT	Harmonics																	
45	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	15
FLAP1C	TS_COS	0.019	-0.010	-1.253	-0.006	0.005	-0.002	0.003	0.018	0.003	-0.004	-0.003	-0.004	-0.002	-0.002	0.006	-0.001	0.003	-0.002
FLAP1C	TS_SIN	0.000	0.001	0.782	0.000	0.001	0.000	0.002	0.003	0.019	0.002	0.019	0.002	-0.020	0.018	0.009	0.005	0.008	-0.003
FLAP2C	TS_COS	0.027	-0.001	-1.255	-0.004	-0.004	0.003	0.003	0.003	-0.006	0.006	-0.006	0.006	-0.009	0.006	0.001	0.005	0.005	0.001
FLAP2C	TS_SIN	0.000	-0.010	0.786	0.005	-0.004	-0.005	0.004	0.002	0.010	0.001	0.010	0.001	-0.020	0.016	0.002	0.007	0.001	-0.002
FLAP3C	TS_COS	-0.063	0.004	-1.258	0.002	0.001	-0.001	-0.002	0.008	0.004	0.005	0.004	0.005	-0.023	0.004	-0.001	0.002	-0.001	0.003
FLAP3C	TS_SIN	0.000	-0.001	0.782	0.003	0.005	0.005	0.004	0.000	0.014	0.008	0.014	0.008	-0.014	0.011	0.005	0.003	-0.003	-0.002
FLAP4C	TS_COS	-0.027	0.005	-1.262	0.004	0.002	-0.002	-0.003	0.010	-0.011	0.009	-0.011	0.009	0.001	0.004	0.001	0.006	0.011	-0.002
FLAP4C	TS_SIN	0.000	0.000	0.783	-0.003	-0.004	-0.004	0.000	-0.005	0.010	0.003	0.010	0.003	-0.023	0.013	0.001	0.008	0.007	-0.006
FLAP5C	TS_COS	0.048	0.003	-1.259	-0.003	-0.004	0.004	0.004	0.005	0.000	-0.001	0.000	-0.001	-0.015	0.003	0.004	-0.004	0.001	0.000
FLAP5C	TS_SIN	0.000	0.008	0.781	-0.005	0.005	0.003	0.000	0.001	0.018	0.007	0.018	0.007	-0.011	0.013	0.011	0.008	0.004	-0.006

RUN	POINT	Harmonics																	
		45	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.019	-0.002	-1.690	0.000	0.004	0.002	0.000	0.030	0.003	0.001	-0.016	-0.006	0.010	-0.002	0.000	-0.002	-0.002	
FLAP1C	TS_SIN	0.000	0.002	1.040	-0.001	-0.001	0.002	0.003	0.019	0.018	0.007	-0.018	0.020	0.011	0.007	0.007	0.001	0.001	
FLAP2C	TS_COS	0.036	-0.004	-1.688	-0.002	0.004	-0.001	0.001	0.013	-0.004	0.003	-0.019	0.005	0.000	0.005	0.002	-0.002	-0.002	
FLAP2C	TS_SIN	0.000	-0.001	1.041	-0.001	0.000	0.001	0.001	0.005	0.011	0.004	-0.031	0.022	0.006	0.008	-0.003	-0.001	-0.001	
FLAP3C	TS_COS	-0.063	-0.001	-1.687	-0.003	0.001	0.001	0.001	0.010	0.009	0.009	-0.041	0.006	0.001	0.003	-0.002	0.004	0.004	
FLAP3C	TS_SIN	0.000	-0.003	1.037	-0.001	0.000	0.001	0.001	0.005	0.014	0.008	-0.024	0.012	0.002	0.003	-0.003	0.000	0.000	
FLAP4C	TS_COS	-0.024	0.000	-1.691	-0.003	0.005	-0.001	0.001	0.025	-0.010	0.014	-0.010	0.002	0.000	0.004	0.016	-0.004	-0.004	
FLAP4C	TS_SIN	0.000	-0.001	1.043	0.001	0.001	0.004	0.001	0.003	0.009	0.005	-0.033	0.024	0.003	0.006	0.002	-0.004	-0.004	
FLAP5C	TS_COS	0.055	0.000	-1.691	-0.002	0.001	0.002	0.002	0.010	-0.002	0.004	-0.036	0.005	0.006	-0.003	-0.002	0.000	0.000	
FLAP5C	TS_SIN	0.000	0.000	1.041	0.002	0.000	0.002	0.002	0.009	0.018	0.008	-0.014	0.015	0.010	0.010	0.007	0.001	0.001	
RUN	POINT	Harmonics																	
45	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.003	0.001	-2.110	0.002	-0.002	-0.003	-0.002	0.030	0.004	0.011	-0.026	-0.006	0.011	-0.001	-0.005	-0.001	-0.001	
FLAP1C	TS_SIN	0.000	0.000	1.307	0.003	0.005	0.001	0.001	0.027	0.009	0.010	-0.011	0.022	0.013	0.009	0.003	0.000	0.000	
FLAP2C	TS_COS	0.020	-0.001	-2.115	0.000	-0.003	-0.002	-0.002	0.008	-0.005	0.004	-0.030	0.004	0.006	0.005	-0.002	-0.005	-0.005	
FLAP2C	TS_SIN	0.000	-0.002	1.305	-0.001	0.004	0.001	0.000	0.016	0.007	0.008	-0.032	0.024	0.004	0.011	-0.010	-0.002	-0.002	
FLAP3C	TS_COS	-0.074	0.000	-2.109	-0.002	-0.004	-0.001	-0.001	0.008	0.012	0.018	-0.063	0.013	-0.001	0.003	-0.003	0.003	0.003	
FLAP3C	TS_SIN	0.000	-0.004	1.303	0.001	0.003	0.002	-0.001	0.006	0.012	0.009	-0.025	0.014	0.005	0.004	-0.003	0.003	0.003	
FLAP4C	TS_COS	-0.040	0.004	-2.119	-0.002	-0.003	-0.002	-0.002	0.029	-0.009	0.017	-0.026	0.004	0.000	-0.001	0.014	-0.006	-0.006	
FLAP4C	TS_SIN	0.000	-0.001	1.309	0.004	0.004	-0.001	-0.002	0.006	0.004	0.012	-0.042	0.031	0.009	0.004	-0.006	-0.002	-0.002	
FLAP5C	TS_COS	0.041	0.003	-2.118	0.000	-0.003	0.000	-0.001	0.004	-0.006	0.010	-0.063	0.011	0.007	-0.002	-0.003	-0.005	-0.005	
FLAP5C	TS_SIN	0.000	0.001	1.307	0.004	0.004	0.000	0.001	0.013	0.011	0.010	-0.018	0.018	0.009	0.012	0.003	0.004	0.004	

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
45	50																
FLAP1C	TS_COS	0.012	0.000	1.479	-0.002	-0.002	-0.003	0.000	0.040	0.011	-0.008	-0.015	0.002	0.019	0.017	0.010	-0.001
FLAP1C	TS_SIN	0.000	-0.001	-0.045	0.002	0.002	0.003	-0.004	0.003	0.016	0.000	-0.018	0.008	-0.003	0.012	0.006	-0.007
FLAP2C	TS_COS	0.031	0.000	1.479	-0.002	-0.003	-0.003	-0.001	0.038	0.027	-0.006	-0.024	-0.004	0.005	0.007	0.007	0.000
FLAP2C	TS_SIN	0.000	0.000	-0.044	0.003	0.004	0.002	-0.002	-0.010	0.025	0.007	-0.006	0.015	-0.001	0.015	0.000	-0.007
FLAP3C	TS_COS	-0.067	-0.001	1.480	0.000	-0.001	-0.001	0.001	0.025	0.017	-0.010	-0.026	-0.002	0.000	0.012	0.005	0.004
FLAP3C	TS_SIN	0.000	0.002	-0.044	0.002	0.001	0.000	-0.001	-0.004	0.010	-0.003	0.002	0.013	-0.003	0.006	-0.009	-0.008
FLAP4C	TS_COS	-0.028	-0.003	1.484	0.001	-0.001	-0.003	-0.001	0.037	0.019	-0.011	-0.005	-0.012	0.006	0.004	0.008	0.009
FLAP4C	TS_SIN	0.000	-0.002	-0.046	0.000	0.003	0.002	-0.002	-0.004	0.025	0.005	-0.011	0.015	-0.001	0.008	0.001	-0.014
FLAP5C	TS_COS	0.051	-0.001	1.486	-0.001	-0.002	-0.003	0.001	0.035	0.011	-0.014	-0.011	-0.002	0.007	0.012	0.000	-0.005
FLAP5C	TS_SIN	0.000	-0.003	-0.044	0.001	0.002	0.002	-0.001	-0.002	0.016	-0.009	-0.005	0.019	0.000	0.014	0.003	-0.008
RUN	POINT	Harmonics															
45	51																
FLAP1C	TS_COS	0.009	0.003	2.478	-0.001	-0.004	0.001	-0.002	0.047	0.004	-0.017	-0.027	-0.006	0.024	0.019	0.015	0.008
FLAP1C	TS_SIN	0.000	0.000	-0.071	0.000	0.000	0.000	-0.001	-0.003	0.023	-0.007	-0.014	0.013	-0.010	0.017	0.007	-0.006
FLAP2C	TS_COS	0.026	0.002	2.481	-0.002	-0.008	0.000	-0.001	0.048	0.027	-0.016	-0.051	0.000	0.015	0.006	0.017	-0.002
FLAP2C	TS_SIN	0.000	0.001	-0.068	0.002	0.000	0.000	0.001	-0.031	0.028	-0.005	-0.004	0.024	0.009	0.028	-0.003	-0.005
FLAP3C	TS_COS	-0.070	-0.001	2.475	0.001	-0.003	0.000	-0.001	0.027	0.010	-0.022	-0.067	-0.005	0.001	0.019	0.005	0.002
FLAP3C	TS_SIN	0.000	0.002	-0.069	0.002	-0.001	-0.001	0.000	-0.014	0.016	-0.012	0.018	0.019	-0.005	0.011	-0.004	-0.005
FLAP4C	TS_COS	-0.033	-0.001	2.486	0.003	-0.006	0.003	-0.002	0.041	0.016	-0.019	-0.029	-0.016	0.020	0.003	0.015	0.008
FLAP4C	TS_SIN	0.000	0.000	-0.070	0.000	0.000	0.002	0.001	-0.016	0.027	-0.011	-0.008	0.025	0.002	0.025	-0.003	-0.014
FLAP5C	TS_COS	0.045	0.000	2.485	0.000	-0.006	0.001	-0.001	0.035	0.007	-0.027	-0.044	-0.006	0.016	0.018	0.000	-0.008
FLAP5C	TS_SIN	0.000	-0.002	-0.069	-0.003	0.000	-0.001	0.000	-0.012	0.016	-0.017	0.011	0.028	-0.003	0.022	0.006	-0.009

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
45	52	FLAP1C_TS_COS	0.008	0.001	2.375	-0.001	-0.004	0.001	0.000	0.037	0.004	-0.032	0.006	0.010	0.005	0.017	0.000	0.010
		FLAP1C_TS_SIN	0.000	-0.001	-0.714	-0.002	0.001	-0.003	0.001	-0.020	0.022	-0.004	0.016	0.015	-0.011	0.007	0.010	-0.005
		FLAP2C_TS_COS	0.027	0.001	2.378	0.000	-0.005	0.000	-0.001	0.043	0.018	-0.027	-0.033	0.015	0.013	0.018	0.002	-0.006
		FLAP2C_TS_SIN	0.000	0.001	-0.712	0.000	0.003	-0.001	0.003	-0.040	0.022	0.000	0.054	0.022	0.001	0.022	-0.004	0.000
		FLAP3C_TS_COS	-0.071	-0.002	2.373	0.003	-0.002	-0.001	-0.001	0.029	0.007	-0.032	-0.004	0.009	-0.006	0.011	0.002	0.006
		FLAP3C_TS_SIN	0.000	0.003	-0.711	0.000	0.002	-0.001	0.002	-0.018	0.022	-0.005	0.071	0.016	0.003	0.000	0.009	0.004
		FLAP4C_TS_COS	-0.033	-0.003	2.384	0.003	-0.005	0.001	0.000	0.044	0.005	-0.031	-0.018	0.009	0.013	0.013	0.000	-0.007
		FLAP4C_TS_SIN	0.000	0.000	-0.716	-0.002	0.002	0.001	0.001	-0.022	0.019	-0.007	0.040	0.033	-0.003	0.016	-0.003	-0.014
45	53	FLAP5C_TS_COS	0.046	-0.001	2.381	0.002	-0.004	0.000	-0.003	0.039	0.001	-0.041	0.016	0.022	0.000	0.012	-0.005	-0.005
		FLAP5C_TS_SIN	0.000	-0.001	-0.714	-0.003	0.003	0.000	0.000	-0.021	0.022	-0.006	0.058	0.026	-0.008	0.004	0.018	0.006
		RUN POINT Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		FLAP1C_TS_COS	0.013	0.001	1.902	-0.001	-0.003	0.000	0.001	0.043	0.001	-0.026	-0.004	0.005	0.008	0.017	0.004	0.007
		FLAP1C_TS_SIN	0.000	0.000	-0.561	0.000	0.002	0.000	0.000	-0.011	0.019	-0.008	0.009	0.009	-0.008	0.010	0.009	-0.003
		FLAP2C_TS_COS	0.032	0.002	1.904	0.000	-0.003	-0.002	0.001	0.049	0.024	-0.020	-0.036	0.004	0.006	0.016	0.003	-0.007
		FLAP2C_TS_SIN	0.000	0.002	-0.558	0.002	0.004	0.001	-0.001	-0.028	0.021	0.000	0.041	0.019	0.001	0.021	-0.004	-0.002
		FLAP3C_TS_COS	-0.067	-0.001	1.900	0.002	-0.001	-0.001	0.001	0.031	0.005	-0.022	-0.014	0.004	-0.003	0.012	0.006	0.006
45	53	FLAP3C_TS_SIN	0.000	0.003	-0.557	0.001	0.001	0.001	0.001	-0.008	0.015	-0.005	0.045	0.011	0.003	0.002	0.007	0.001
		FLAP4C_TS_COS	-0.028	-0.001	1.907	0.002	-0.004	-0.001	0.001	0.048	0.008	-0.021	-0.020	-0.003	0.008	0.008	0.005	-0.001
		FLAP4C_TS_SIN	0.000	0.000	-0.560	0.000	0.003	0.001	0.001	-0.013	0.019	-0.006	0.027	0.026	0.000	0.017	-0.002	-0.014
		FLAP5C_TS_COS	0.051	-0.001	1.906	0.001	-0.003	-0.003	0.001	0.041	0.001	-0.033	0.006	0.013	0.001	0.012	0.002	-0.001
		FLAP5C_TS_SIN	0.000	0.000	-0.560	-0.002	0.003	0.002	-0.002	-0.011	0.016	-0.008	0.034	0.021	-0.004	0.009	0.015	0.003

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
46	29	0.025	0.000	0.009	0.061	0.000	0.001	0.001	0.006	-0.022	0.013	0.022	0.023	-0.010	0.006	-0.002	0.007	
		0.000	-0.001	0.001	1.481	-0.002	0.000	-0.001	-0.006	0.025	0.090	-0.017	0.006	0.003	0.001	0.008	-0.001	
		0.035	-0.001	0.007	0.060	-0.002	0.002	0.000	0.023	-0.035	-0.011	0.025	0.020	-0.001	0.008	-0.012	0.003	
		0.000	0.002	0.000	1.481	-0.001	0.000	-0.001	-0.014	0.044	0.099	-0.004	-0.001	0.012	0.000	0.011	0.008	
		-0.056	-0.001	0.004	0.059	-0.002	0.002	0.001	-0.001	-0.018	0.015	0.023	0.008	0.005	-0.003	-0.001	0.010	
		0.000	0.000	-0.002	1.476	0.001	0.000	0.000	-0.023	0.025	0.083	-0.003	-0.012	0.005	0.001	0.012	-0.008	
		-0.020	0.000	0.009	0.061	0.000	0.003	0.000	0.017	-0.037	-0.014	0.022	0.025	-0.002	0.005	-0.014	-0.005	
		0.000	-0.001	-0.001	1.482	0.000	-0.003	-0.001	-0.006	0.027	0.093	-0.004	0.004	0.012	0.001	0.009	0.011	
46	30	0.064	-0.001	0.010	0.061	0.003	0.000	0.001	0.001	-0.028	0.038	0.019	0.019	0.005	0.008	-0.006	0.011	
		0.000	-0.001	0.000	1.481	0.000	0.000	-0.002	-0.020	0.032	0.107	-0.003	-0.011	0.002	-0.007	0.024	-0.006	
		Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			0.030	0.001	0.005	0.785	-0.002	-0.002	0.001	-0.004	0.012	0.077	-0.001	0.016	-0.001	0.002	0.003	-0.011
			0.000	-0.002	0.004	1.255	-0.002	-0.001	-0.001	-0.014	0.035	-0.009	-0.020	0.006	0.003	-0.002	-0.004	-0.001
			0.040	0.000	0.004	0.784	-0.003	-0.002	-0.001	0.006	0.014	0.079	0.008	0.005	0.010	-0.001	0.008	-0.008
			0.000	0.000	0.004	1.256	0.000	0.000	-0.001	-0.039	0.055	-0.004	-0.010	-0.008	0.000	-0.008	0.012	-0.013
			-0.053	0.000	0.001	0.782	-0.002	0.000	0.001	-0.026	0.020	0.062	0.012	0.003	0.008	-0.005	0.009	-0.020
Harmonics	0.000	-0.001	0.002	1.253	0.002	0.002	0.000	-0.019	0.033	-0.021	-0.021	0.007	-0.003	0.006	-0.004	0.008		
	-0.014	0.000	0.003	0.787	0.002	0.001	0.000	0.002	0.008	0.084	0.001	0.018	0.008	-0.001	0.010	0.002		
	0.000	-0.001	0.000	1.257	-0.001	-0.002	0.000	-0.029	0.051	0.014	-0.027	-0.008	0.005	-0.008	0.013	-0.007		
46	POINT	Harmonics	0.069	0.000	0.006	0.786	0.001	-0.003	0.000	-0.016	0.018	0.096	0.002	0.004	-0.003	-0.005	0.018	-0.023
			0.000	-0.001	0.002	1.257	-0.002	0.000	-0.002	-0.019	0.037	-0.041	-0.020	-0.001	0.003	-0.003	-0.001	-0.002

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
46	31	0.032	0.003	0.007	1.308	-0.001	0.003	-0.003	-0.024	0.015	-0.018	-0.001	0.023	-0.003	-0.008	0.000	0.004
		0.000	-0.001	0.004	0.694	0.001	0.001	-0.002	-0.015	0.009	-0.076	-0.001	-0.006	0.005	-0.001	0.002	0.002
		0.043	0.002	0.005	1.306	0.000	0.003	-0.003	-0.041	0.034	-0.021	-0.004	0.010	-0.003	-0.015	0.014	-0.005
		0.000	0.000	0.007	0.695	0.002	0.002	-0.001	-0.041	0.015	-0.082	0.002	-0.007	-0.005	0.001	-0.009	0.022
		-0.052	0.001	0.002	1.304	0.001	0.002	-0.001	-0.030	0.021	-0.043	0.000	0.019	0.000	0.001	-0.001	0.017
		0.000	-0.001	0.006	0.693	0.004	0.001	-0.002	0.005	0.006	-0.068	-0.013	-0.002	-0.010	0.001	-0.005	0.017
		-0.012	0.004	0.005	1.310	0.002	0.001	-0.002	-0.021	0.020	0.008	-0.022	0.007	-0.001	-0.008	0.007	-0.009
		0.000	-0.002	0.003	0.696	0.001	0.000	-0.001	-0.017	0.017	-0.093	-0.002	-0.011	-0.004	-0.003	-0.002	0.008
		0.071	0.003	0.006	1.310	0.001	0.002	-0.003	-0.028	0.020	-0.051	-0.004	0.014	0.002	-0.003	-0.004	0.009
		0.000	-0.002	0.003	0.695	0.000	0.003	-0.002	-0.004	0.005	-0.107	0.001	-0.001	0.005	0.001	-0.005	0.012
RUN	POINT	Harmonics															
46	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		0.027	0.000	0.001	1.479	-0.001	0.001	0.000	-0.031	0.003	-0.088	0.013	0.002	0.000	-0.004	0.004	-0.012
		0.000	0.000	0.000	-0.052	0.002	0.000	0.000	0.004	0.003	0.025	-0.004	-0.010	0.009	0.007	-0.008	-0.008
		0.037	0.000	-0.001	1.479	-0.001	0.001	-0.001	-0.057	0.013	-0.109	0.007	-0.004	-0.004	-0.003	-0.005	0.014
		0.000	0.001	0.002	-0.049	0.004	0.000	0.000	0.008	-0.008	0.028	0.003	-0.014	0.006	0.013	-0.014	-0.012
		-0.056	0.000	-0.003	1.475	0.000	0.001	-0.001	-0.026	0.011	-0.089	-0.004	0.003	-0.008	-0.004	-0.003	-0.003
		0.000	0.001	0.002	-0.049	0.003	-0.001	-0.002	0.022	-0.009	0.051	-0.017	-0.017	0.005	0.002	-0.003	-0.018
		-0.016	0.001	-0.004	1.481	0.002	-0.002	0.000	-0.026	-0.002	-0.104	-0.005	-0.003	-0.006	-0.007	0.007	0.009
		0.000	0.001	0.001	-0.050	0.000	-0.002	0.001	0.011	-0.001	-0.002	0.003	-0.011	0.005	0.003	0.000	-0.004
		0.066	0.000	-0.002	1.481	-0.001	-0.001	-0.003	-0.025	0.009	-0.122	0.007	0.001	-0.001	-0.004	-0.001	-0.009
		0.000	0.001	-0.001	-0.051	0.000	0.001	-0.001	0.009	-0.005	0.051	0.002	-0.008	0.003	-0.002	-0.001	-0.019

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
46	33																
	FLAP1C_TS_COS	0.031	0.001	0.001	1.248	-0.004	0.000	0.000	-0.012	-0.001	0.022	0.009	0.008	0.009	-0.001	-0.008	-0.004
	FLAP1C_TS_SIN	0.000	-0.002	0.003	-0.789	-0.003	-0.003	-0.001	0.012	0.007	0.104	-0.014	0.004	0.006	0.003	-0.007	0.013
	FLAP2C_TS_COS	0.042	0.003	0.002	1.250	-0.002	-0.001	-0.001	-0.019	-0.009	0.007	0.010	-0.007	0.009	0.001	-0.001	-0.018
	FLAP2C_TS_SIN	0.000	-0.001	0.006	-0.788	-0.003	0.001	0.001	0.039	-0.003	0.135	-0.003	0.000	-0.006	0.000	-0.004	-0.005
	FLAP3C_TS_COS	-0.054	0.001	0.000	1.248	0.001	0.001	-0.001	-0.002	0.001	0.041	-0.009	-0.002	0.008	-0.009	-0.005	-0.007
	FLAP3C_TS_SIN	0.000	0.000	0.006	-0.786	-0.001	0.000	-0.001	0.026	-0.010	0.115	-0.013	-0.001	0.007	0.003	-0.005	0.016
	FLAP4C_TS_COS	-0.011	0.003	-0.004	1.251	0.000	0.001	0.000	0.005	-0.015	-0.004	0.006	-0.006	0.005	-0.010	0.008	-0.024
	FLAP4C_TS_SIN	0.000	-0.002	0.007	-0.791	-0.006	0.000	0.002	0.019	0.012	0.120	0.001	0.002	0.001	-0.001	-0.012	-0.001
	FLAP5C_TS_COS	0.070	0.003	-0.002	1.252	-0.002	0.000	-0.002	0.000	0.001	0.046	0.007	0.004	0.000	-0.013	-0.009	-0.011
	FLAP5C_TS_SIN	0.000	-0.001	0.004	-0.791	-0.005	-0.001	0.001	0.013	0.003	0.135	-0.007	0.003	0.007	0.002	-0.009	0.017
RUN	POINT	Harmonics															
46	34																
	FLAP1C_TS_COS	0.029	-0.002	-0.003	0.697	-0.001	0.002	0.001	-0.003	0.010	0.095	0.000	0.005	0.001	0.000	0.001	-0.001
	FLAP1C_TS_SIN	0.000	0.001	-0.007	-1.309	0.005	-0.001	0.003	0.011	0.003	-0.004	-0.013	-0.003	-0.006	0.000	0.002	-0.004
	FLAP2C_TS_COS	0.040	0.000	-0.002	0.701	0.000	0.000	0.003	0.013	-0.006	0.114	0.005	0.005	-0.005	-0.008	0.000	0.006
	FLAP2C_TS_SIN	0.000	0.002	-0.006	-1.308	0.005	-0.002	0.004	0.025	0.006	0.013	-0.011	0.003	-0.002	0.004	-0.005	0.010
	FLAP3C_TS_COS	-0.054	-0.001	-0.002	0.696	0.001	0.000	0.001	0.015	-0.006	0.109	-0.010	-0.001	0.007	-0.003	-0.002	0.005
	FLAP3C_TS_SIN	0.000	0.003	-0.002	-1.304	0.003	-0.001	0.002	0.022	-0.002	-0.012	-0.003	-0.008	-0.004	0.006	-0.005	-0.004
	FLAP4C_TS_COS	-0.014	-0.001	-0.005	0.700	-0.001	-0.001	0.003	0.014	-0.002	0.109	0.013	0.001	-0.001	-0.010	-0.008	0.013
	FLAP4C_TS_SIN	0.000	0.002	-0.005	-1.309	0.003	0.001	0.003	0.006	0.030	0.017	-0.019	0.010	0.001	0.001	-0.010	0.023
	FLAP5C_TS_COS	0.068	0.000	-0.004	0.699	-0.002	0.002	0.000	0.011	0.011	0.114	-0.005	0.001	0.006	0.001	0.002	0.004
	FLAP5C TS SIN	0.000	0.002	-0.006	-1.310	0.002	0.002	0.006	0.003	0.008	-0.020	-0.007	-0.008	-0.001	0.006	0.001	-0.008

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
46	35																
FLAP1C	TS_COS	0.023	0.000	-0.006	-0.059	-0.001	-0.003	0.003	-0.019	-0.009	-0.025	0.002	-0.004	0.000	0.001	-0.005	-0.016
FLAP1C	TS_SIN	0.000	0.003	-0.003	-1.481	0.002	0.000	0.000	0.022	-0.022	-0.079	-0.008	0.001	-0.004	0.004	-0.004	0.010
FLAP2C	TS_COS	0.035	0.001	-0.005	-0.055	0.003	-0.002	0.003	0.004	-0.001	-0.013	-0.004	0.001	0.002	0.001	-0.005	-0.009
FLAP2C	TS_SIN	0.000	0.005	-0.003	-1.483	0.002	0.002	0.000	0.006	-0.003	-0.092	-0.004	-0.001	0.003	0.007	-0.007	-0.008
FLAP3C	TS_COS	-0.059	0.000	-0.004	-0.056	0.002	0.000	0.002	0.009	-0.012	-0.022	0.000	-0.015	0.009	0.005	-0.013	-0.014
FLAP3C	TS_SIN	0.000	0.005	-0.001	-1.478	0.000	-0.001	0.000	0.016	-0.006	-0.081	-0.002	-0.002	-0.010	0.006	0.002	0.013
FLAP4C	TS_COS	-0.019	0.001	-0.008	-0.058	0.001	0.000	0.004	-0.014	0.012	-0.008	-0.005	0.008	0.006	-0.003	-0.006	-0.002
FLAP4C	TS_SIN	0.000	0.004	0.000	-1.485	-0.001	0.001	-0.001	0.002	0.002	-0.097	-0.024	0.008	-0.004	0.007	-0.003	-0.022
FLAP5C	TS_COS	0.062	0.001	-0.008	-0.058	-0.001	0.000	0.003	-0.015	0.002	-0.046	-0.003	-0.006	0.005	0.001	-0.004	-0.021
FLAP5C	TS_SIN	0.000	0.004	-0.001	-1.484	0.000	-0.001	0.003	-0.002	-0.016	-0.081	-0.001	-0.003	-0.011	0.001	-0.010	0.018
RUN	POINT	Harmonics															
46	36																
FLAP1C	TS_COS	0.027	-0.001	-0.001	-0.789	0.002	0.000	0.000	-0.007	-0.032	-0.093	0.006	-0.001	0.002	0.001	-0.008	0.010
FLAP1C	TS_SIN	0.000	0.002	0.000	-1.255	0.001	-0.002	-0.003	0.034	-0.008	0.024	-0.004	0.003	0.001	0.002	0.003	0.001
FLAP2C	TS_COS	0.037	0.000	0.001	-0.788	0.004	-0.001	0.001	-0.015	-0.009	-0.108	-0.001	-0.003	0.004	0.004	-0.009	-0.005
FLAP2C	TS_SIN	0.000	0.001	0.000	-1.256	0.000	-0.001	-0.003	0.001	-0.012	0.017	0.008	0.002	-0.002	0.001	0.002	0.011
FLAP3C	TS_COS	-0.056	0.000	0.002	-0.784	0.003	-0.001	-0.001	0.000	-0.019	-0.087	0.007	-0.005	-0.005	0.011	-0.006	0.013
FLAP3C	TS_SIN	0.000	0.003	0.000	-1.253	0.000	0.000	-0.001	0.019	-0.002	0.031	-0.004	0.011	-0.010	-0.004	0.010	0.003
FLAP4C	TS_COS	-0.016	0.000	-0.001	-0.791	0.002	0.002	0.001	-0.027	-0.010	-0.122	-0.010	0.005	-0.003	0.004	-0.014	-0.018
FLAP4C	TS_SIN	0.000	0.003	0.003	-1.259	-0.001	0.001	-0.003	0.013	-0.010	0.005	-0.007	-0.001	-0.003	0.002	0.007	0.016
FLAP5C	TS_COS	0.065	0.000	-0.001	-0.790	0.001	0.002	0.001	-0.026	-0.013	-0.103	0.008	-0.007	-0.004	0.000	-0.009	0.022
FLAP5C	TS_SIN	0.000	0.002	0.002	-1.258	0.001	-0.003	-0.002	0.015	-0.014	0.059	0.004	-0.001	-0.003	0.008	0.002	0.007

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
46	38	0.029	-0.001	-0.001	-1.473	0.001	0.001	0.000	0.023	-0.011	0.075	-0.008	0.014	0.000	-0.003	0.007	0.007
		FLAP1C_TS_COS															
		0.000	0.002	-0.003	0.061	0.003	0.001	0.003	0.019	0.024	-0.024	-0.031	-0.003	0.003	-0.008	0.003	0.014
		FLAP1C_TS_SIN															
		0.037	-0.002	-0.001	-1.472	-0.001	-0.001	-0.001	-0.006	-0.003	0.106	-0.004	0.012	0.002	0.000	0.005	-0.007
		FLAP2C_TS_COS															
		0.000	0.001	-0.007	0.059	0.003	-0.001	0.001	0.016	0.005	-0.006	-0.020	-0.008	0.006	0.000	0.000	0.012
		FLAP2C_TS_SIN															
46	39	-0.055	-0.001	0.002	-1.469	-0.002	0.001	0.000	0.023	-0.007	0.084	-0.014	0.001	0.005	-0.007	0.005	0.008
		FLAP3C_TS_COS															
		0.000	0.002	-0.005	0.059	0.002	0.001	0.002	0.017	0.016	-0.031	-0.014	-0.009	-0.003	-0.005	0.001	0.019
		FLAP3C_TS_SIN															
		-0.014	-0.004	0.003	-1.474	-0.003	0.003	-0.001	0.014	-0.010	0.111	-0.014	0.016	0.008	-0.004	0.011	-0.016
		FLAP4C_TS_COS															
		0.000	0.001	-0.005	0.061	0.005	0.001	0.002	0.025	0.018	0.017	-0.024	-0.009	0.003	-0.006	-0.004	0.003
		FLAP4C_TS_SIN															
46	39	0.066	0.000	0.000	-1.476	0.000	0.001	0.001	0.010	-0.004	0.108	-0.005	0.009	0.002	0.000	0.000	0.004
		FLAP5C_TS_COS															
		0.000	0.000	-0.002	0.062	0.005	-0.001	0.002	0.024	0.008	-0.049	-0.026	0.001	-0.002	-0.011	0.005	0.021
		FLAP5C_TS_SIN															
		0.028	-0.001	-0.003	-1.255	-0.001	0.002	-0.002	0.021	-0.009	-0.028	-0.016	0.004	0.002	-0.011	0.011	0.001
		FLAP1C_TS_COS															
		0.000	0.002	0.000	0.781	-0.001	0.001	0.003	0.005	-0.002	-0.083	-0.004	-0.005	0.002	0.003	-0.005	-0.012
		FLAP1C_TS_SIN															
46	39	0.037	-0.002	-0.005	-1.256	-0.001	0.004	-0.002	-0.002	-0.005	-0.003	-0.013	-0.002	0.005	-0.006	0.010	0.017
		FLAP2C_TS_COS															
		0.000	0.002	-0.001	0.779	-0.003	0.001	0.003	0.005	-0.018	-0.104	0.008	-0.008	0.002	0.001	0.000	0.002
		FLAP2C_TS_SIN															
		-0.055	0.000	-0.002	-1.253	-0.003	0.003	0.000	0.022	-0.003	-0.032	-0.015	-0.001	-0.002	-0.004	0.011	0.006
		FLAP3C_TS_COS															
		0.000	0.002	-0.002	0.776	-0.002	-0.001	0.003	-0.001	-0.002	-0.092	0.002	0.001	-0.002	0.001	-0.003	-0.016
		FLAP3C_TS_SIN															
46	39	-0.016	-0.001	0.000	-1.258	-0.003	0.005	-0.001	0.016	0.000	0.017	-0.027	-0.001	0.004	-0.008	0.011	0.018
		FLAP4C_TS_COS															
		0.000	0.003	-0.001	0.782	0.000	-0.001	0.002	0.006	-0.004	-0.104	0.006	-0.014	0.002	-0.003	-0.003	0.018
		FLAP4C_TS_SIN															
		0.066	-0.001	-0.001	-1.258	-0.001	0.001	-0.001	0.017	-0.006	-0.042	-0.014	0.005	-0.002	-0.009	0.014	0.003
		FLAP5C_TS_COS															
		0.000	0.000	0.001	0.781	0.001	-0.002	0.002	0.001	-0.008	-0.112	-0.001	-0.002	0.005	0.003	-0.003	-0.014
		FLAP5C TS SIN															

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
46	40	FLAP1C_TS_COS	0.027	0.002	0.001	-0.691	0.000	0.001	0.000	0.012	-0.033	-0.092	0.006	0.007	-0.009	0.000	-0.005	-0.011	
		FLAP1C_TS_SIN	0.000	-0.001	0.004	1.311	-0.002	0.003	0.002	0.005	-0.004	0.024	0.005	0.012	-0.005	0.006	-0.010	0.014	
		FLAP2C_TS_COS	0.035	-0.001	0.000	-0.693	-0.003	0.001	0.000	0.013	-0.043	-0.108	0.012	0.004	-0.007	-0.003	-0.002	-0.011	
		FLAP2C_TS_SIN	0.000	-0.001	0.002	1.310	-0.002	0.001	0.001	0.010	-0.014	-0.006	0.016	0.013	0.000	0.008	-0.011	-0.008	
		FLAP3C_TS_COS	-0.055	0.001	0.002	-0.692	-0.003	0.000	0.000	0.017	-0.026	-0.099	-0.004	0.012	-0.004	0.000	-0.004	-0.009	
		FLAP3C_TS_SIN	0.000	-0.002	0.000	1.306	-0.001	0.000	0.001	-0.003	-0.004	0.024	0.010	0.000	0.001	0.000	-0.007	0.012	
		FLAP4C_TS_COS	-0.017	0.001	0.004	-0.694	-0.002	-0.001	-0.002	0.015	-0.027	-0.103	0.007	-0.001	-0.005	-0.005	0.001	0.002	
		FLAP4C_TS_SIN	0.000	0.000	0.002	1.313	0.001	0.001	0.001	-0.003	-0.013	-0.020	0.020	0.012	0.002	0.006	-0.012	-0.018	
46	41	FLAP5C_TS_COS	0.066	0.000	0.004	-0.693	-0.001	-0.002	0.000	0.012	-0.035	-0.109	0.002	0.009	0.004	0.005	-0.012	-0.013	
		FLAP5C_TS_SIN	0.000	-0.002	0.003	1.313	0.000	0.002	0.000	-0.011	-0.004	0.039	0.012	0.006	0.009	0.007	-0.015	0.015	
		RUN	POINT	Harmonics															
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		FLAP1C_TS_COS	0.025	0.001	0.001	0.053	0.000	0.001	0.001	0.001	-0.003	-0.024	0.008	0.019	0.020	-0.011	0.001	-0.004	0.006
		FLAP1C_TS_SIN	0.000	0.001	0.001	1.478	-0.001	0.003	-0.001	-0.002	0.028	0.096	-0.012	0.008	0.008	0.003	0.002	0.010	0.001
		FLAP2C_TS_COS	0.033	-0.001	-0.002	0.049	-0.004	0.000	0.001	0.012	-0.036	-0.019	0.023	0.019	0.019	-0.001	0.002	-0.013	0.000
		FLAP2C_TS_SIN	0.000	0.002	0.001	1.478	-0.001	0.000	-0.002	-0.013	0.043	0.103	-0.001	0.002	0.002	0.013	0.000	0.010	0.010
46	42	FLAP3C_TS_COS	-0.058	0.000	-0.001	0.050	-0.003	0.000	0.002	-0.006	-0.021	0.011	0.022	0.007	0.005	-0.004	-0.002	0.009	
		FLAP3C_TS_SIN	0.000	0.000	-0.001	1.475	0.001	0.001	-0.002	-0.018	0.026	0.090	0.000	-0.008	0.005	0.005	0.002	0.013	-0.005
		FLAP4C_TS_COS	-0.020	0.002	0.002	0.051	-0.001	-0.001	0.000	0.008	-0.036	-0.022	0.023	0.023	0.023	-0.003	0.003	-0.015	-0.007
		FLAP4C_TS_SIN	0.000	0.001	-0.001	1.481	0.002	0.000	0.000	-0.006	0.027	0.098	-0.002	0.008	0.008	0.012	0.002	0.007	0.012
		FLAP5C_TS_COS	0.063	0.000	0.003	0.052	0.000	0.000	0.001	-0.005	-0.031	0.033	0.018	0.017	0.005	0.004	0.004	-0.007	0.009
		FLAP5C_TS_SIN	0.000	0.000	0.000	1.480	0.000	0.003	-0.003	-0.016	0.034	0.110	0.000	-0.009	0.002	-0.006	0.024	-0.004	-0.004

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
46	42	0.028	-0.002	0.002	0.005	0.001	0.001	0.002	-0.003	-0.005	-0.001	0.001	0.002	-0.001	-0.001	0.001	0.000
		0.000	-0.002	0.005	0.000	-0.002	0.000	-0.001	0.004	-0.001	-0.002	-0.002	0.001	0.002	-0.001	-0.001	0.001
		0.037	0.000	0.001	0.005	0.001	0.001	0.000	0.000	-0.002	-0.003	0.003	0.001	-0.001	0.000	0.000	0.001
		0.000	-0.001	0.004	0.000	-0.001	0.002	0.000	0.001	0.003	-0.001	-0.002	0.002	0.000	0.000	0.000	0.001
		-0.054	0.000	-0.001	0.004	0.001	0.002	0.001	-0.003	0.000	0.000	-0.002	0.001	0.001	-0.001	0.000	0.001
		0.000	-0.001	0.001	0.001	0.000	-0.001	0.001	0.000	0.000	0.003	-0.001	-0.002	0.001	0.000	-0.001	0.001
		-0.015	0.001	0.000	0.004	0.000	0.002	-0.001	0.003	-0.006	-0.003	0.002	0.002	0.000	-0.003	0.002	0.002
		0.000	-0.002	0.006	0.001	0.000	0.000	0.000	0.004	0.005	-0.004	-0.002	0.001	0.002	0.000	-0.003	0.003
		0.066	0.000	-0.002	0.004	0.003	0.002	-0.001	-0.002	-0.001	0.001	0.000	0.000	0.000	-0.001	0.000	0.000
		0.000	-0.002	0.005	0.000	-0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
46	43	0.028	0.000	0.005	-1.309	0.000	-0.001	-0.003	0.010	-0.037	0.019	0.017	0.008	0.004	0.006	0.002	-0.013
		0.000	-0.002	0.003	-0.686	0.001	0.004	-0.001	0.035	0.013	0.081	-0.016	0.008	0.000	-0.001	0.007	-0.006
		0.037	0.000	0.006	-1.310	0.001	0.003	-0.002	-0.017	-0.018	0.011	0.019	0.011	-0.002	0.000	0.003	0.002
		0.000	-0.003	0.003	-0.691	-0.004	0.001	-0.001	0.014	-0.002	0.109	-0.005	0.007	0.003	0.001	0.005	-0.006
		-0.056	0.001	0.007	-1.306	0.000	0.002	-0.001	0.007	-0.021	0.027	0.002	0.011	0.000	0.001	0.005	-0.014
		0.000	-0.001	0.003	-0.688	-0.005	0.000	0.002	0.022	0.008	0.087	-0.009	0.003	0.003	-0.009	0.004	-0.006
		-0.016	-0.001	0.007	-1.314	-0.004	0.000	-0.003	-0.009	-0.026	-0.010	0.002	0.009	0.002	0.006	0.007	0.015
		0.000	-0.001	0.006	-0.690	-0.002	0.000	-0.003	0.035	0.003	0.121	-0.007	0.004	0.009	-0.005	0.012	-0.002
		0.066	0.001	0.006	-1.312	-0.002	0.000	-0.002	-0.012	-0.024	0.050	0.017	0.004	0.005	0.011	0.003	-0.014
		0.000	-0.001	0.005	-0.688	-0.001	0.001	0.000	0.035	0.000	0.109	-0.011	0.009	0.005	0.002	0.001	-0.013

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
46	44																
FLAP1C_TS_COS	0.033	0.000	-0.003	-1.177	0.001	0.002	-0.003	0.011	-0.038	-0.025	0.014	0.002	0.005	0.007	-0.001	-0.003	
FLAP1C_TS_SIN	0.000	-0.002	0.005	-0.903	-0.006	0.001	-0.003	0.042	0.008	0.087	-0.009	0.006	0.001	-0.001	0.009	-0.013	
FLAP2C_TS_COS	0.043	0.001	-0.001	-1.177	0.003	0.001	-0.002	-0.010	-0.018	-0.042	0.013	0.006	-0.001	0.004	0.000	0.008	
FLAP2C_TS_SIN	0.000	-0.003	0.004	-0.907	-0.009	0.003	-0.003	0.014	-0.004	0.104	0.003	0.008	0.002	-0.003	0.007	-0.001	
FLAP3C_TS_COS	-0.053	0.002	0.003	-1.170	-0.001	-0.001	-0.003	0.016	-0.020	-0.018	0.001	0.008	-0.006	0.004	0.005	-0.003	
FLAP3C_TS_SIN	0.000	-0.003	0.004	-0.903	-0.006	0.002	-0.001	0.027	0.008	0.092	-0.007	0.008	0.003	-0.013	0.006	-0.016	
FLAP4C_TS_COS	-0.010	0.001	0.000	-1.178	-0.001	0.001	-0.002	-0.008	-0.021	-0.063	-0.005	0.009	-0.002	0.008	0.001	0.015	
FLAP4C_TS_SIN	0.000	-0.003	0.007	-0.905	-0.006	0.005	-0.004	0.033	0.000	0.107	-0.002	0.000	0.007	-0.006	0.013	0.010	
FLAP5C_TS_COS	0.071	0.001	-0.002	-1.177	-0.001	0.003	-0.002	-0.012	-0.021	-0.007	0.015	-0.001	0.000	0.010	0.001	0.001	
FLAP5C_TS_SIN	0.000	-0.003	0.005	-0.906	-0.004	0.002	-0.003	0.033	-0.005	0.122	-0.003	0.005	0.006	0.003	0.004	-0.020	
RUN	POINT	Harmonics															
46	45																
FLAP1C_TS_COS	0.024	0.002	0.001	-1.408	0.003	0.002	-0.001	0.012	-0.029	0.055	0.015	0.011	0.000	0.006	0.005	-0.012	
FLAP1C_TS_SIN	0.000	0.000	0.000	-0.451	0.002	0.000	-0.001	0.031	0.024	0.057	-0.023	0.004	0.000	-0.005	0.005	0.005	
FLAP2C_TS_COS	0.032	0.001	0.003	-1.408	0.000	0.000	0.001	-0.014	-0.010	0.062	0.012	0.013	-0.003	0.001	0.007	-0.005	
FLAP2C_TS_SIN	0.000	-0.001	-0.001	-0.451	0.000	-0.004	-0.002	0.015	0.010	0.091	-0.012	0.001	0.005	0.001	0.000	-0.004	
FLAP3C_TS_COS	-0.060	0.001	0.005	-1.404	-0.002	-0.002	0.001	0.010	-0.017	0.065	-0.001	0.011	0.003	-0.001	0.006	-0.015	
FLAP3C_TS_SIN	0.000	-0.001	-0.001	-0.451	-0.002	-0.004	-0.001	0.023	0.014	0.060	-0.012	-0.004	0.002	-0.009	0.000	0.007	
FLAP4C_TS_COS	-0.020	0.000	0.006	-1.411	-0.002	-0.001	-0.001	-0.003	-0.021	0.049	0.000	0.013	0.004	0.003	0.011	0.005	
FLAP4C_TS_SIN	0.000	0.000	0.003	-0.452	0.000	0.000	-0.002	0.036	0.012	0.107	-0.010	0.000	0.008	-0.007	0.004	-0.012	
FLAP5C_TS_COS	0.061	0.002	0.003	-1.411	-0.001	0.000	0.000	-0.005	-0.014	0.096	0.012	0.006	0.004	0.012	0.001	-0.021	
FLAP5C_TS_SIN	0.000	-0.001	0.001	-0.452	0.003	-0.001	-0.001	0.031	0.010	0.069	-0.018	0.006	0.003	-0.005	-0.003	0.003	

RUN	POINT	Harmonics																	
		46	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.028	-0.001	0.001	0.003	-0.001	0.000	0.000	-0.004	-0.001	0.001	0.002	-0.001	0.001	0.002	-0.001	-0.001	0.001	0.000
FLAP1C	TS_SIN	0.000	0.000	-0.002	0.000	0.003	0.000	0.001	-0.001	-0.001	0.002	-0.001	-0.001	-0.001	0.001	0.001	-0.001	-0.001	0.000
FLAP2C	TS_COS	0.039	-0.001	0.000	0.002	-0.001	0.000	0.000	-0.002	-0.003	0.003	0.001	-0.001	0.001	0.001	-0.001	0.001	0.000	0.000
FLAP2C	TS_SIN	0.000	0.001	-0.002	-0.001	0.003	0.000	0.001	0.002	0.001	0.001	0.002	-0.002	-0.002	0.003	-0.001	-0.001	0.000	0.001
FLAP3C	TS_COS	-0.054	-0.002	0.001	0.002	-0.001	0.000	-0.001	0.001	-0.001	-0.002	0.001	-0.001	-0.002	0.002	0.001	-0.001	0.000	0.000
FLAP3C	TS_SIN	0.000	0.001	-0.002	0.001	0.002	0.001	0.001	0.000	0.003	-0.001	0.000	0.003	-0.001	-0.002	0.001	0.000	-0.001	0.001
FLAP4C	TS_COS	-0.014	0.000	0.001	0.002	0.000	0.000	0.001	-0.005	0.003	0.003	0.002	-0.004	0.002	0.002	0.000	-0.003	0.002	0.001
FLAP4C	TS_SIN	0.000	0.001	-0.001	-0.001	0.003	0.000	0.001	0.004	0.005	0.004	0.005	-0.004	-0.003	0.001	0.002	-0.001	-0.003	0.003
FLAP5C	TS_COS	0.066	0.000	0.001	0.003	-0.001	-0.001	0.000	-0.001	0.001	-0.002	-0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
FLAP5C	TS_SIN	0.000	0.002	-0.002	0.001	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RUN	POINT	Harmonics																	
46	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.028	0.001	-0.001	0.000	0.003	0.003	0.000	0.031	-0.056	0.025	0.003	-0.001	0.006	-0.008	0.017	0.078	0.078	
FLAP1C	TS_SIN	0.000	0.000	-0.001	-0.002	0.002	0.002	0.000	0.105	-0.034	0.007	-0.003	0.021	-0.005	0.011	0.027	0.043	0.043	
FLAP2C	TS_COS	0.037	0.001	-0.003	-0.002	-0.002	-0.002	-0.003	0.041	-0.047	0.023	-0.015	-0.011	-0.014	-0.012	0.013	0.083	0.083	
FLAP2C	TS_SIN	0.000	0.001	0.003	-0.001	0.001	0.001	0.002	0.122	-0.023	0.026	0.005	0.006	0.008	-0.008	0.028	0.057	0.057	
FLAP3C	TS_COS	-0.055	0.000	0.000	-0.002	-0.003	-0.003	-0.001	0.053	-0.056	0.034	-0.004	-0.017	-0.013	0.000	0.010	0.094	0.094	
FLAP3C	TS_SIN	0.000	0.001	0.000	-0.001	0.000	0.000	0.004	0.098	-0.015	-0.002	0.012	0.011	-0.001	-0.001	0.032	0.026	0.026	
FLAP4C	TS_COS	-0.016	0.002	-0.004	-0.001	0.000	0.000	0.002	0.027	-0.033	0.033	-0.013	0.003	-0.021	-0.018	0.013	0.077	0.077	
FLAP4C	TS_SIN	0.000	0.003	0.000	-0.001	-0.003	-0.003	0.002	0.101	-0.030	0.035	-0.004	0.015	0.020	-0.020	0.026	0.066	0.066	
FLAP5C	TS_COS	0.066	0.001	0.000	-0.003	0.003	0.003	0.003	0.025	-0.036	0.029	-0.004	-0.009	0.008	-0.014	0.010	0.101	0.101	
FLAP5C	TS_SIN	0.000	0.000	0.002	-0.002	0.000	0.000	0.000	0.116	-0.026	0.020	0.008	-0.005	0.013	0.009	0.038	0.012	0.012	

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
46	51	0.029	0.002	-0.004	-0.001	0.004	1.488	-0.002	0.093	-0.051	-0.018	0.009	0.017	-0.005	0.013	-0.004	-0.089
		0.000	-0.001	0.003	-0.004	-0.004	-0.107	0.000	0.014	0.034	-0.009	-0.006	-0.001	0.005	-0.004	-0.021	-0.020
		0.037	0.001	-0.002	-0.001	0.001	1.487	-0.003	0.097	-0.037	-0.010	0.012	0.006	0.010	0.013	-0.012	-0.087
		0.000	-0.001	0.004	0.000	-0.002	-0.104	0.002	0.002	0.021	-0.002	0.005	0.002	0.001	0.018	-0.023	-0.043
		-0.055	0.000	-0.002	-0.002	-0.003	1.483	0.001	0.096	-0.031	-0.036	-0.001	0.012	0.009	0.009	-0.007	-0.098
		0.000	0.001	0.002	-0.001	-0.001	-0.101	0.002	-0.006	0.040	-0.011	-0.011	0.007	0.009	0.003	-0.021	-0.015
		-0.015	0.002	-0.004	0.000	-0.001	1.490	0.003	0.078	-0.048	-0.005	-0.005	0.007	0.016	0.004	-0.016	-0.079
		0.000	0.000	0.004	-0.004	-0.004	-0.105	-0.002	0.030	0.017	-0.016	-0.003	0.002	-0.003	0.025	-0.028	-0.054
		0.068	0.002	-0.003	-0.002	0.000	1.492	0.000	0.100	-0.028	-0.012	0.011	0.000	0.006	0.019	-0.008	-0.114
		0.000	-0.001	0.002	-0.001	-0.005	-0.107	-0.004	0.016	0.005	-0.001	-0.010	0.015	-0.002	0.000	-0.024	-0.001
RUN	POINT	Harmonics															
46	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		0.029	0.000	-0.004	-0.002	0.001	0.655	-0.003	0.021	-0.010	-0.014	0.009	0.013	0.010	-0.015	0.001	0.094
		0.000	0.001	0.001	-0.004	-0.007	-1.342	0.001	-0.076	0.047	0.017	-0.018	-0.003	-0.009	-0.004	0.019	0.018
		0.039	-0.001	-0.003	0.000	0.003	0.660	0.002	0.025	-0.013	-0.006	0.016	0.016	0.000	-0.011	0.015	0.089
		0.000	0.002	0.000	-0.003	-0.005	-1.342	0.002	-0.080	0.035	0.018	0.004	-0.001	-0.005	-0.021	0.022	0.053
		-0.055	0.000	-0.005	-0.001	0.001	0.654	0.002	0.015	0.000	-0.011	0.001	0.013	0.002	-0.013	0.010	0.101
		0.000	0.002	0.000	-0.002	0.000	-1.337	-0.001	-0.070	0.035	0.040	0.003	-0.011	-0.016	-0.012	0.020	0.022
		-0.015	0.001	-0.003	0.000	-0.004	0.656	0.000	0.051	-0.025	-0.015	0.005	0.013	-0.004	0.001	0.011	0.080
		0.000	0.003	0.002	-0.003	-0.001	-1.341	-0.004	-0.044	0.048	0.016	-0.004	0.001	-0.010	-0.018	0.029	0.061
		0.067	0.000	-0.003	0.001	-0.004	0.656	-0.003	0.039	-0.025	0.003	-0.001	0.025	-0.003	-0.016	0.001	0.122
		0.000	0.001	-0.002	-0.002	-0.005	-1.342	-0.003	-0.077	0.023	0.028	-0.008	0.003	-0.015	-0.003	0.016	0.005

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
46	54																
	FLAP1C_TS_COS	0.028	-0.001	0.006	-0.003	-0.002	-0.093	0.000	-0.027	0.006	0.001	0.005	0.004	-0.012	-0.007	0.018	0.019
	FLAP1C_TS_SIN	0.000	-0.002	0.001	0.004	-0.005	-1.491	0.003	-0.083	0.039	0.005	-0.015	-0.002	-0.012	0.012	0.002	-0.100
	FLAP2C_TS_COS	0.037	-0.001	0.008	-0.001	0.001	-0.092	0.004	-0.022	-0.001	0.006	0.014	0.006	-0.010	-0.026	0.019	0.057
	FLAP2C_TS_SIN	0.000	-0.001	-0.001	0.004	-0.002	-1.491	0.002	-0.088	0.038	0.003	-0.003	-0.006	-0.002	0.009	-0.015	-0.094
	FLAP3C_TS_COS	-0.056	-0.001	0.005	0.000	0.000	-0.089	0.003	-0.028	0.011	0.014	0.009	-0.004	-0.016	-0.017	0.017	0.028
	FLAP3C_TS_SIN	0.000	-0.001	-0.001	0.005	0.003	-1.486	-0.002	-0.067	0.029	0.024	-0.004	-0.007	-0.010	0.009	-0.009	-0.104
	FLAP4C_TS_COS	-0.016	0.000	0.008	-0.002	-0.001	-0.091	-0.001	0.018	0.002	0.001	0.005	0.011	-0.021	-0.013	0.027	0.063
	FLAP4C_TS_SIN	0.000	-0.001	0.000	0.002	0.003	-1.491	-0.001	-0.078	0.053	0.018	-0.009	0.002	-0.003	-0.007	-0.005	-0.088
	FLAP5C_TS_COS	0.067	0.000	0.005	-0.001	-0.004	-0.091	-0.002	-0.012	-0.015	0.021	-0.002	0.017	-0.024	-0.006	0.012	0.006
	FLAP5C_TS_SIN	0.000	-0.001	-0.001	0.003	0.001	-1.494	0.000	-0.096	0.037	0.013	-0.004	-0.011	-0.002	0.014	0.000	-0.129
RUN	POINT	Harmonics															
46	55																
	FLAP1C_TS_COS	0.032	0.000	-0.002	0.001	-0.004	-0.827	-0.001	-0.065	0.019	0.000	0.007	0.009	-0.019	0.014	0.005	-0.103
	FLAP1C_TS_SIN	0.000	0.000	-0.001	0.001	-0.001	-1.244	0.001	-0.057	0.032	-0.016	-0.009	0.007	0.009	0.006	-0.011	-0.020
	FLAP2C_TS_COS	0.041	0.000	-0.002	0.002	0.000	-0.822	0.001	-0.059	0.015	0.001	0.006	0.008	-0.012	0.006	-0.013	-0.099
	FLAP2C_TS_SIN	0.000	0.001	-0.003	0.000	-0.001	-1.245	0.001	-0.065	0.037	-0.015	-0.006	0.000	0.014	0.020	-0.014	-0.061
	FLAP3C_TS_COS	-0.053	0.000	-0.002	0.001	0.003	-0.818	0.000	-0.055	0.019	0.018	0.009	-0.002	-0.013	0.009	-0.008	-0.104
	FLAP3C_TS_SIN	0.000	0.001	0.000	0.000	0.002	-1.243	-0.002	-0.040	0.023	-0.010	-0.012	0.008	0.010	0.013	-0.016	-0.030
	FLAP4C_TS_COS	-0.011	0.000	-0.002	0.000	0.000	-0.827	-0.004	-0.029	0.022	0.016	0.005	0.019	-0.020	-0.001	-0.002	-0.093
	FLAP4C_TS_SIN	0.000	0.000	-0.001	-0.001	0.005	-1.248	-0.002	-0.082	0.037	-0.003	-0.014	-0.002	0.020	0.004	-0.022	-0.070
	FLAP5C_TS_COS	0.070	0.001	-0.002	0.002	-0.003	-0.826	-0.006	-0.061	0.009	0.023	0.004	0.008	-0.012	0.009	-0.004	-0.130
	FLAP5C TS SIN	0.000	-0.001	-0.002	-0.001	0.002	-1.249	0.001	-0.075	0.041	-0.015	-0.003	-0.013	0.029	0.006	-0.013	-0.011

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
46	56																
FLAP1C	TS_COS	0.022	0.001	0.000	0.001	-0.004	-1.339	0.002	-0.089	0.035	-0.022	0.015	0.017	0.001	0.009	-0.002	-0.025
FLAP1C	TS_SIN	0.000	0.001	-0.001	0.000	0.001	-0.663	0.002	-0.026	0.020	-0.019	-0.004	0.000	0.018	-0.019	0.001	0.105
FLAP2C	TS_COS	0.031	0.000	-0.001	0.001	-0.001	-1.337	0.002	-0.087	0.033	-0.019	0.007	0.011	0.009	0.016	-0.009	-0.062
FLAP2C	TS_SIN	0.000	0.001	-0.004	-0.004	0.000	-0.664	-0.001	-0.034	0.024	-0.015	0.007	-0.005	0.020	-0.008	0.011	0.103
FLAP3C	TS_COS	-0.060	0.001	-0.002	0.003	0.004	-1.330	0.000	-0.072	0.037	-0.012	0.010	0.016	-0.002	0.016	-0.007	-0.028
FLAP3C	TS_SIN	0.000	0.000	-0.001	-0.002	0.001	-0.664	0.000	-0.018	0.012	-0.025	-0.019	0.014	0.010	-0.017	0.007	0.104
FLAP4C	TS_COS	-0.021	0.001	-0.001	0.001	0.002	-1.337	-0.003	-0.081	0.033	0.004	0.003	0.014	0.005	0.005	-0.012	-0.074
FLAP4C	TS_SIN	0.000	0.000	-0.003	-0.003	0.005	-0.666	0.002	-0.059	0.019	-0.024	-0.008	-0.009	0.024	-0.010	0.006	0.091
FLAP5C	TS_COS	0.061	0.000	-0.002	0.003	-0.001	-1.338	-0.003	-0.096	0.036	-0.010	0.015	0.003	0.020	0.006	-0.011	-0.014
FLAP5C	TS_SIN	0.000	0.000	-0.001	-0.004	0.003	-0.666	0.005	-0.038	0.027	-0.031	0.001	-0.007	0.021	-0.011	0.009	0.127
RUN	POINT	Harmonics															
46	57																
FLAP1C	TS_COS	0.026	0.002	0.004	0.000	-0.002	-1.490	0.002	-0.100	0.044	-0.041	0.020	0.021	0.015	-0.016	0.013	0.094
FLAP1C	TS_SIN	0.000	-0.001	0.000	0.006	0.005	0.091	-0.001	0.009	-0.006	-0.007	-0.016	-0.008	0.004	-0.014	0.005	0.029
FLAP2C	TS_COS	0.037	0.003	0.002	-0.002	0.000	-1.490	0.001	-0.097	0.051	-0.031	0.022	0.009	0.020	-0.010	0.019	0.098
FLAP2C	TS_SIN	0.000	0.000	0.000	0.003	0.002	0.085	-0.004	-0.004	-0.002	-0.006	0.003	-0.003	0.003	-0.017	0.010	0.065
FLAP3C	TS_COS	-0.056	0.002	0.003	0.001	0.002	-1.488	-0.002	-0.081	0.039	-0.039	0.003	0.034	0.009	-0.013	0.019	0.098
FLAP3C	TS_SIN	0.000	-0.001	0.002	0.002	0.000	0.085	-0.005	0.013	-0.014	-0.015	-0.031	-0.002	0.006	-0.023	0.007	0.030
FLAP4C	TS_COS	-0.017	0.002	0.006	-0.002	0.002	-1.495	-0.004	-0.106	0.036	-0.027	0.010	0.011	0.022	-0.013	0.019	0.081
FLAP4C	TS_SIN	0.000	-0.001	-0.001	0.006	0.003	0.087	0.000	-0.018	0.000	-0.030	-0.009	-0.010	0.004	-0.014	0.015	0.081
FLAP5C	TS_COS	0.066	0.002	0.003	-0.001	0.000	-1.494	-0.002	-0.105	0.047	-0.039	0.028	0.008	0.026	-0.012	0.017	0.117
FLAP5C	TS_SIN	0.000	-0.001	0.001	0.003	0.004	0.090	0.002	0.001	-0.003	-0.023	-0.014	0.002	-0.008	-0.008	0.014	0.016

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
46	58	FLAP1C_TS_COS	0.033	0.000	-0.009	0.000	-0.006	-1.235	0.001	-0.099	0.029	-0.043	0.006	0.014	0.007	-0.014	0.012	0.024
		FLAP1C_TS_SIN	0.000	0.002	0.000	-0.002	0.001	0.834	-0.001	0.052	-0.038	0.020	-0.027	-0.018	-0.009	0.012	-0.020	-0.096
		FLAP2C_TS_COS	0.042	0.000	-0.010	-0.001	-0.006	-1.238	0.001	-0.101	0.032	-0.044	0.019	0.010	0.020	-0.019	0.019	0.059
		FLAP2C_TS_SIN	0.000	0.000	0.000	-0.003	-0.003	0.828	-0.003	0.039	-0.040	0.015	-0.015	-0.005	-0.013	0.012	-0.022	-0.096
		FLAP3C_TS_COS	-0.052	0.000	-0.006	-0.001	-0.003	-1.236	-0.001	-0.083	0.018	-0.047	-0.016	0.025	0.018	-0.020	0.018	0.022
		FLAP3C_TS_SIN	0.000	0.001	0.001	-0.002	-0.005	0.824	-0.002	0.057	-0.046	0.020	-0.032	-0.030	-0.006	0.012	-0.026	-0.099
		FLAP4C_TS_COS	-0.010	0.000	-0.010	-0.003	-0.001	-1.241	-0.003	-0.106	0.018	-0.058	0.007	0.005	0.018	-0.017	0.021	0.070
		FLAP4C_TS_SIN	0.000	0.001	-0.002	-0.002	-0.003	0.830	0.002	0.038	-0.020	-0.004	-0.020	-0.009	-0.014	0.015	-0.017	-0.081
46	59	FLAP5C_TS_COS	0.071	0.000	-0.010	0.000	-0.003	-1.240	0.000	-0.107	0.030	-0.058	0.011	0.011	0.008	-0.005	0.026	0.009
		FLAP5C_TS_SIN	0.000	0.000	0.000	-0.004	0.000	0.833	0.003	0.043	-0.039	0.011	-0.030	-0.003	-0.026	0.013	-0.022	-0.115
		RUN	POINT	Harmonics														
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		FLAP1C_TS_COS	0.028	0.001	0.003	0.001	0.000	-0.664	0.000	-0.066	0.005	-0.018	-0.011	-0.003	-0.008	0.000	-0.028	-0.097
		FLAP1C_TS_SIN	0.000	0.000	0.002	0.000	0.004	1.338	0.000	0.088	-0.054	0.044	-0.014	-0.014	0.000	0.012	-0.022	-0.039
		FLAP2C_TS_COS	0.037	0.000	0.001	-0.001	-0.002	-0.663	-0.003	-0.072	0.001	-0.033	0.004	0.010	0.001	0.002	-0.022	-0.098
		FLAP2C_TS_SIN	0.000	-0.001	0.002	-0.002	0.001	1.336	0.000	0.087	-0.053	0.042	-0.019	-0.012	-0.020	0.023	-0.025	-0.061
46	60	FLAP3C_TS_COS	-0.056	0.000	0.003	0.000	0.000	-0.665	-0.004	-0.048	-0.012	-0.021	-0.032	-0.004	0.008	0.000	-0.025	-0.102
		FLAP3C_TS_SIN	0.000	-0.001	0.003	-0.002	-0.003	1.329	0.001	0.089	-0.050	0.051	-0.014	-0.035	-0.016	0.022	-0.027	-0.023
		FLAP4C_TS_COS	-0.017	0.000	0.001	-0.002	0.004	-0.666	-0.001	-0.070	0.004	-0.053	-0.006	0.000	0.002	0.009	-0.018	-0.086
		FLAP4C_TS_SIN	0.000	0.000	0.002	-0.002	-0.002	1.336	0.005	0.082	-0.027	0.040	-0.027	-0.004	-0.020	0.022	-0.023	-0.072
		FLAP5C_TS_COS	0.066	0.000	0.002	-0.001	0.003	-0.667	0.001	-0.078	0.003	-0.034	-0.009	0.008	-0.015	0.005	-0.020	-0.118
		FLAP5C_TS_SIN	0.000	0.000	0.004	-0.002	0.003	1.338	0.004	0.085	-0.053	0.051	-0.018	-0.006	-0.011	0.004	-0.036	-0.013

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
46	62	FLAP1C_TS_COS	0.033	-0.003	-0.010	0.003	0.003	1.491	-0.002	0.099	-0.053	-0.012	0.007	0.021	-0.007	0.013	-0.003	-0.088
		FLAP1C_TS_SIN	0.000	0.001	-0.004	-0.004	-0.001	-0.096	0.001	0.016	0.039	-0.009	-0.006	-0.002	0.006	-0.003	-0.021	-0.023
		FLAP2C_TS_COS	0.043	-0.004	-0.011	0.003	0.003	1.493	-0.002	0.102	-0.037	-0.009	0.014	0.008	0.012	0.011	-0.010	-0.087
		FLAP2C_TS_SIN	0.000	0.003	-0.003	-0.005	0.003	-0.089	0.004	0.009	0.027	-0.001	0.005	0.002	0.004	0.020	-0.023	-0.046
		FLAP3C_TS_COS	-0.051	-0.003	-0.010	0.001	0.000	1.488	0.001	0.102	-0.032	-0.035	0.005	0.016	0.013	0.009	-0.003	-0.099
		FLAP3C_TS_SIN	0.000	0.004	-0.004	-0.004	0.003	-0.092	0.003	-0.003	0.044	-0.014	-0.012	0.009	0.010	0.005	-0.022	-0.014
		FLAP4C_TS_COS	-0.010	-0.001	-0.010	0.002	-0.003	1.494	0.003	0.083	-0.044	0.000	-0.007	0.012	0.020	0.005	-0.015	-0.078
		FLAP4C_TS_SIN	0.000	0.004	-0.001	-0.004	-0.004	-0.095	0.001	0.032	0.019	-0.014	-0.006	0.000	0.001	0.025	-0.030	-0.054
46	64	FLAP5C_TS_COS	0.071	0.000	-0.007	0.002	-0.001	1.492	0.000	0.104	-0.029	-0.007	0.014	0.002	0.009	0.019	-0.007	-0.115
		FLAP5C_TS_SIN	0.000	0.001	-0.003	-0.002	-0.003	-0.094	-0.001	0.021	0.007	-0.003	-0.011	0.017	0.001	0.004	-0.026	-0.002
		RUN	POINT	Harmonics														
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		FLAP1C_TS_COS	0.028	-0.002	-0.003	0.000	0.000	-0.001	0.000	-0.003	-0.004	-0.001	0.002	0.003	0.000	-0.001	0.001	0.000
		FLAP1C_TS_SIN	0.000	0.003	-0.002	0.000	0.000	-0.001	0.002	0.003	0.000	-0.001	-0.002	0.000	0.002	-0.001	-0.001	0.001
		FLAP2C_TS_COS	0.040	-0.001	-0.003	0.000	0.001	-0.002	0.000	-0.001	-0.001	-0.001	0.002	0.001	-0.001	0.000	0.000	0.000
		FLAP2C_TS_SIN	0.000	0.003	-0.002	0.000	0.000	-0.001	0.002	0.000	0.002	-0.001	-0.002	0.002	0.000	-0.001	0.000	0.001
46	64	FLAP3C_TS_COS	-0.055	-0.001	-0.002	-0.002	0.000	-0.001	-0.001	-0.001	0.001	-0.001	-0.002	0.002	0.001	-0.001	0.000	0.001
		FLAP3C_TS_SIN	0.000	0.001	-0.001	0.000	0.000	-0.002	0.000	0.000	0.001	0.003	-0.001	-0.002	0.001	0.000	-0.001	0.001
		FLAP4C_TS_COS	-0.015	-0.001	-0.003	0.000	0.000	-0.002	-0.001	0.004	-0.004	-0.004	0.003	0.002	0.000	-0.003	0.002	0.002
		FLAP4C_TS_SIN	0.000	0.003	-0.001	0.000	0.000	-0.002	0.001	0.003	0.006	-0.003	-0.003	0.001	0.002	-0.001	-0.003	0.003
		FLAP5C_TS_COS	0.068	-0.002	-0.003	-0.001	0.001	-0.001	-0.002	-0.001	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
		FLAP5C_TS_SIN	0.000	0.000	-0.002	0.000	-0.001	-0.001	0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
46	65	FLAP1C_TS_COS	0.028	0.000	-0.002	0.002	0.001	1.481	-0.002	0.093	-0.061	-0.007	0.008	0.021	-0.012	0.014	0.007	-0.059
		FLAP1C_TS_SIN	0.000	0.000	0.001	-0.002	0.003	0.172	-0.001	0.033	0.023	-0.008	-0.009	0.002	0.000	0.001	-0.023	-0.064
		FLAP2C_TS_COS	0.037	0.000	-0.001	0.003	0.001	1.484	-0.002	0.102	-0.041	-0.001	0.013	0.006	0.008	0.002	0.003	-0.050
		FLAP2C_TS_SIN	0.000	0.001	0.001	-0.001	0.005	0.176	0.004	0.030	0.018	-0.004	0.008	0.005	0.007	0.021	-0.025	-0.083
		FLAP3C_TS_COS	-0.055	0.000	-0.002	0.000	-0.001	1.479	0.002	0.103	-0.041	-0.025	0.006	0.010	0.004	0.005	0.009	-0.074
		FLAP3C_TS_SIN	0.000	0.002	0.000	-0.002	0.005	0.174	0.003	0.015	0.036	-0.022	-0.010	0.010	0.009	0.003	-0.024	-0.062
		FLAP4C_TS_COS	-0.016	0.001	-0.002	0.002	-0.004	1.485	0.004	0.079	-0.051	0.010	-0.008	0.010	0.015	-0.009	0.002	-0.039
		FLAP4C_TS_SIN	0.000	0.002	0.002	-0.002	-0.001	0.171	-0.001	0.049	0.008	-0.013	-0.004	0.001	0.006	0.024	-0.033	-0.086
46	66	FLAP5C_TS_COS	0.066	0.002	0.001	0.001	-0.001	1.484	0.002	0.100	-0.031	0.000	0.017	-0.005	0.004	0.015	0.008	-0.093
		FLAP5C_TS_SIN	0.000	0.000	0.001	0.000	-0.001	0.172	-0.002	0.042	0.001	-0.004	-0.006	0.013	-0.002	0.007	-0.031	-0.058
		RUN	POINT	Harmonics														
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		FLAP1C_TS_COS	0.028	-0.002	-0.002	0.003	0.002	1.451	-0.003	0.091	-0.049	-0.020	0.012	0.017	-0.002	0.010	-0.014	-0.090
		FLAP1C_TS_SIN	0.000	0.000	-0.003	-0.003	0.000	-0.357	0.001	-0.003	0.042	-0.004	-0.008	-0.002	0.011	-0.009	-0.015	0.025
		FLAP2C_TS_COS	0.038	-0.002	0.000	0.005	0.003	1.453	-0.001	0.092	-0.035	-0.019	0.015	0.004	0.009	0.018	-0.022	-0.100
		FLAP2C_TS_SIN	0.000	0.000	-0.002	-0.001	0.003	-0.355	0.004	-0.006	0.028	0.002	0.003	0.005	-0.001	0.013	-0.012	0.003
46	66	FLAP3C_TS_COS	-0.056	-0.001	-0.002	0.000	-0.002	1.447	0.001	0.089	-0.026	-0.040	0.004	0.017	0.014	0.010	-0.016	-0.095
		FLAP3C_TS_SIN	0.000	0.001	-0.002	-0.001	0.003	-0.353	0.003	-0.016	0.043	-0.003	-0.012	0.007	0.006	0.001	-0.013	0.036
		FLAP4C_TS_COS	-0.015	-0.001	-0.002	0.003	-0.004	1.451	0.003	0.080	-0.045	-0.013	0.001	0.010	0.016	0.013	-0.029	-0.098
		FLAP4C_TS_SIN	0.000	0.002	-0.001	-0.002	-0.002	-0.356	0.000	0.025	0.025	-0.014	-0.003	0.002	-0.005	0.020	-0.016	-0.008
		FLAP5C_TS_COS	0.067	-0.001	0.000	0.003	-0.002	1.452	0.000	0.100	-0.029	-0.016	0.014	0.004	0.009	0.017	-0.017	-0.104
		FLAP5C_TS_SIN	0.000	0.000	-0.003	0.001	-0.002	-0.355	-0.002	0.006	0.009	0.003	-0.016	0.018	0.001	-0.008	-0.016	0.055

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
46	67	0.026	0.002	0.006	0.000	0.006	1.434	-0.003	0.086	-0.061	-0.003	0.007	0.019	-0.011	0.014	0.016	-0.013
		0.000	-0.004	0.000	0.002	-0.001	0.423	0.000	0.057	0.011	-0.011	-0.006	0.006	-0.001	0.007	-0.018	-0.083
		0.034	0.001	0.006	-0.001	0.002	1.432	-0.002	0.102	-0.039	0.003	0.011	0.003	0.005	-0.008	0.013	0.002
		0.000	-0.004	0.003	0.003	-0.001	0.427	0.002	0.052	0.012	-0.002	0.013	0.007	0.014	0.019	-0.021	-0.096
		-0.058	0.002	0.005	-0.001	0.000	1.427	0.000	0.102	-0.046	-0.014	0.005	0.005	-0.002	0.002	0.017	-0.029
		0.000	-0.003	0.000	0.001	0.000	0.427	0.002	0.036	0.029	-0.028	-0.005	0.011	0.012	0.003	-0.018	-0.092
		-0.019	0.003	0.006	0.001	0.000	1.434	0.003	0.074	-0.043	0.016	-0.008	0.009	0.014	-0.019	0.017	0.015
		0.000	-0.002	0.002	0.002	-0.004	0.429	-0.003	0.062	0.002	-0.011	-0.003	0.002	0.017	0.018	-0.028	-0.095
		0.064	0.002	0.006	0.001	0.005	1.436	0.001	0.092	-0.029	0.002	0.017	-0.009	0.005	0.010	0.019	-0.048
		0.000	-0.003	0.000	0.003	-0.002	0.427	-0.003	0.063	-0.002	-0.003	0.001	0.008	0.001	0.013	-0.022	-0.094
RUN	POINT	Harmonics															
46	89	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		0.026	0.002	-0.002	1.748	-0.002	0.002	0.000	-0.045	0.016	-0.028	0.002	0.028	-0.007	-0.014	0.003	0.012
		0.000	-0.002	0.004	0.914	-0.005	-0.002	-0.001	-0.023	0.006	-0.078	0.002	-0.014	0.004	-0.003	0.005	-0.003
		0.036	0.001	-0.004	1.746	-0.003	-0.002	-0.002	-0.060	0.031	-0.042	0.004	0.022	-0.008	-0.018	0.023	0.003
		0.000	-0.001	0.008	0.919	-0.003	-0.001	-0.003	-0.054	0.023	-0.087	0.005	-0.004	-0.008	-0.002	-0.008	0.033
		-0.056	-0.001	-0.005	1.743	-0.001	-0.001	0.000	-0.043	0.023	-0.060	0.010	0.032	-0.002	0.001	-0.001	0.035
		0.000	-0.002	0.005	0.916	0.000	-0.001	-0.002	0.004	0.006	-0.059	-0.020	-0.003	-0.019	-0.003	-0.005	0.018
		-0.018	0.002	-0.007	1.749	0.002	-0.002	-0.001	-0.039	0.019	-0.013	-0.019	0.016	-0.007	-0.011	0.013	0.002
		0.000	-0.002	0.004	0.916	-0.004	0.000	-0.001	-0.022	0.016	-0.108	-0.008	-0.012	-0.003	-0.005	-0.002	0.024
		0.066	0.001	-0.004	1.751	-0.001	0.000	-0.002	-0.039	0.022	-0.080	-0.004	0.019	0.004	-0.004	-0.001	0.026
		0.000	-0.002	0.001	0.917	-0.006	0.001	-0.004	-0.020	0.006	-0.120	0.002	-0.004	0.002	0.003	-0.007	0.017

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
46	90																
		0.028	-0.001	0.010	0.000	-0.002	0.000	-0.001	-0.001	-0.003	-0.001	0.001	0.002	0.000	-0.001	0.001	0.000
		FLAP1C_TS_COS															
		0.000	-0.003	0.003	-0.003	-0.004	0.000	-0.003	0.002	0.001	-0.001	-0.001	0.000	0.001	-0.001	-0.001	0.001
		FLAP1C_TS_SIN															
		0.040	-0.001	0.010	0.001	-0.002	0.003	0.000	-0.004	0.000	-0.002	0.001	0.002	-0.001	0.000	0.001	-0.001
		FLAP2C_TS_COS															
		0.000	-0.002	0.005	-0.004	-0.005	-0.001	0.000	-0.001	0.001	0.001	-0.002	0.002	0.000	-0.002	0.000	0.001
		FLAP2C_TS_SIN															
		-0.055	0.001	0.005	0.003	-0.001	0.002	0.000	-0.002	0.000	-0.001	-0.001	0.001	0.001	-0.001	0.000	0.000
		FLAP3C_TS_COS															
		0.000	-0.001	0.003	-0.004	-0.003	-0.001	-0.001	0.001	0.001	0.002	-0.001	-0.001	0.001	0.000	-0.001	0.001
		FLAP3C_TS_SIN															
		-0.013	-0.001	0.009	0.003	-0.002	0.002	-0.001	0.003	-0.004	-0.005	0.004	0.002	-0.001	-0.001	0.001	0.002
		FLAP4C_TS_COS															
		0.000	-0.001	0.003	-0.003	-0.003	0.000	-0.002	0.002	0.006	-0.003	-0.003	0.002	0.001	-0.001	-0.002	0.002
		FLAP4C_TS_SIN															
		0.069	-0.002	0.010	0.000	0.000	0.001	-0.001	-0.001	-0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000
		FLAP5C_TS_COS															
		0.000	-0.003	0.006	-0.003	-0.005	0.001	-0.001	-0.001	0.001	0.000	0.001	0.000	0.000	0.000	-0.001	0.001
		FLAP5C_TS_SIN															
RUN	POINT	Harmonics															
46	94																
		0.028	0.002	0.006	-0.007	0.003	-0.006	-0.007	-0.002	-0.003	0.000	0.002	0.003	0.000	-0.001	0.001	0.000
		FLAP1C_TS_COS															
		0.000	-0.003	-0.001	0.004	-0.001	-0.004	-0.006	0.001	0.001	0.000	0.000	0.000	0.001	-0.001	-0.001	0.001
		FLAP1C_TS_SIN															
		0.041	0.002	0.006	-0.008	0.002	-0.005	-0.004	-0.003	0.000	-0.002	0.000	0.003	-0.001	0.000	0.001	-0.001
		FLAP2C_TS_COS															
		0.000	-0.002	0.002	0.000	0.000	-0.008	-0.004	-0.001	0.002	0.003	-0.002	0.000	0.000	-0.001	0.001	0.001
		FLAP2C_TS_SIN															
		-0.053	0.002	0.003	-0.003	0.001	-0.002	-0.003	0.000	0.000	-0.002	-0.002	0.002	0.001	-0.001	0.000	0.001
		FLAP3C_TS_COS															
		0.000	-0.002	-0.001	-0.002	0.001	-0.008	-0.005	0.000	0.003	0.003	-0.001	-0.002	0.000	0.000	-0.001	0.001
		FLAP3C_TS_SIN															
		-0.014	0.002	0.006	-0.006	0.002	-0.003	-0.006	0.003	-0.003	-0.004	0.003	0.002	-0.001	-0.001	0.001	0.001
		FLAP4C_TS_COS															
		0.000	-0.002	-0.001	0.001	0.000	-0.007	-0.005	0.002	0.007	-0.002	-0.003	0.002	0.000	-0.001	-0.001	0.002
		FLAP4C_TS_SIN															
		0.069	0.002	0.006	-0.005	0.003	-0.006	-0.003	0.000	0.000	0.000	0.000	0.001	0.000	-0.001	0.000	0.000
		FLAP5C_TS_COS															
		0.000	-0.002	-0.001	0.000	0.004	-0.007	-0.007	-0.002	0.001	0.002	0.001	0.001	0.000	0.000	-0.001	0.001
		FLAP5C TS SIN															

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
48	39	0.043	0.000	-0.001	0.000	0.000	0.003	0.005	0.002	-0.002	-0.001	-0.001	-0.001	-0.001	0.000	0.000	0.001
		0.000	0.001	0.000	0.000	0.000	-0.004	0.001	0.003	0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000
		0.053	0.000	0.000	0.001	0.000	0.000	0.003	0.003	0.001	-0.001	0.000	0.001	0.000	-0.001	0.001	0.001
		0.000	0.000	0.000	0.000	0.000	-0.004	0.000	0.003	0.003	0.001	-0.002	0.000	0.001	0.000	-0.001	0.001
		-0.044	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.001	-0.001	0.000	0.000	-0.001	0.000	0.001	0.001
		0.000	0.000	0.000	0.000	0.000	-0.003	-0.001	0.002	0.001	-0.001	-0.001	0.001	0.001	0.000	-0.001	0.001
		-0.001	0.000	0.000	0.000	0.000	-0.001	0.003	0.001	-0.001	-0.001	-0.001	0.000	0.000	0.001	0.001	0.001
		0.000	0.000	0.000	0.000	0.000	-0.003	-0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	-0.001	0.000
48	40	1.038	0.000	-0.001	0.000	0.000	0.002	0.004	0.002	-0.002	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.001
		0.000	0.000	0.000	0.000	0.000	-0.002	0.000	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		1.049	-0.001	0.000	0.000	0.000	-0.003	0.002	0.002	-0.001	-0.001	0.001	0.001	-0.001	-0.001	0.001	0.001
		0.000	0.000	-0.001	0.000	0.000	-0.003	-0.001	0.002	0.002	-0.002	0.000	0.000	0.000	-0.001	-0.001	0.001
		0.950	0.000	-0.001	0.000	0.000	0.000	0.004	0.002	-0.001	-0.002	0.000	0.000	0.000	0.001	0.000	0.000
		0.000	0.000	0.000	0.000	0.000	-0.003	0.000	0.002	0.002	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.000
		0.997	-0.001	0.000	0.000	0.000	-0.002	0.002	0.001	0.001	-0.001	-0.001	-0.001	0.000	0.000	0.001	0.001
		0.000	0.001	0.000	0.000	-0.001	-0.003	-0.001	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000
48	POINT	Harmonics	1.081	0.000	-0.001	0.000	0.000	0.000	0.000	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	
			0.000	0.001	0.000	0.000	0.000	-0.001	0.001	0.001	0.000	-0.001	0.000	0.000	0.000	0.000	0.001

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
48	41	2.026	0.000	-0.001	0.000	0.000	0.000	0.001	0.004	0.001	-0.002	-0.002	-0.001	0.000	0.000	0.001	0.000	0.001
		0.000	0.001	0.000	0.000	0.000	0.000	-0.003	0.001	0.004	0.002	0.000	0.000	-0.001	0.000	0.000	0.000	0.000
		2.037	0.000	-0.001	0.000	0.000	0.000	-0.005	0.000	0.002	0.000	0.000	0.002	-0.001	-0.001	0.000	0.000	0.001
		0.000	0.000	0.000	0.000	0.000	0.000	-0.002	-0.002	0.002	0.002	-0.002	0.001	0.000	0.000	0.000	0.000	0.000
		1.940	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.000
		0.000	0.000	0.000	0.000	0.000	0.000	-0.002	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		1.987	-0.001	0.000	0.000	0.000	0.000	-0.006	0.001	0.005	0.002	-0.002	-0.001	0.000	0.000	-0.001	0.000	0.001
		0.000	0.001	0.000	0.000	-0.001	0.001	-0.002	-0.005	-0.001	0.004	0.002	0.000	0.000	0.000	0.000	-0.001	0.000
43	48	2.071	0.000	0.000	0.000	0.000	0.000	-0.001	0.000	0.000	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000
		0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.006	0.001	0.005	0.002	-0.002	-0.001	0.000	-0.001	0.000	0.001
		0.000	0.001	0.000	0.000	-0.001	0.001	-0.002	-0.005	-0.001	0.004	0.002	0.002	0.000	0.000	0.000	0.000	0.000
		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000
		0.000	0.001	0.000	0.000	0.000	0.000	-0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
43	48	-0.954	0.000	-0.001	0.000	0.000	0.000	0.003	0.006	0.001	-0.002	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.001
		0.000	0.000	-0.001	0.000	0.000	0.000	-0.003	0.002	0.005	0.002	0.000	0.001	0.000	0.000	0.000	0.000	0.000
		-0.946	-0.001	-0.001	0.000	0.000	0.000	0.001	0.004	0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		0.000	0.001	-0.001	0.000	0.000	0.000	-0.003	0.001	0.003	0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000
		-1.039	0.000	-0.001	0.000	0.000	0.000	0.001	0.005	0.001	-0.001	0.000	0.000	-0.001	0.000	0.000	0.001	0.001
		0.000	0.001	-0.001	0.000	0.000	0.001	-0.004	0.001	0.003	0.000	-0.002	0.001	0.001	0.001	-0.001	-0.001	0.001
		-1.001	0.000	-0.001	0.000	0.000	0.000	0.002	0.004	0.001	-0.001	-0.001	0.000	-0.001	0.000	0.001	0.001	0.001
		0.000	0.000	-0.001	0.000	0.000	0.001	-0.003	0.001	0.003	0.001	-0.001	0.001	0.000	0.000	-0.001	-0.001	0.000
43	48	-0.917	0.001	-0.001	0.000	0.000	0.000	0.001	0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	
		0.000	0.001	-0.001	0.000	0.000	0.001	-0.001	0.002	0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
48	44																
		-1.959	0.001	0.001	0.000	0.000	0.003	0.005	0.002	-0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
		0.000	-0.001	0.001	0.000	0.001	-0.003	0.001	0.003	0.000	-0.001	0.001	0.001	0.001	0.000	0.000	0.000
		-1.951	0.001	0.001	0.000	0.000	0.001	0.004	0.000	-0.002	0.001	0.002	0.001	-0.001	0.000	0.001	0.001
		0.000	0.000	0.000	0.000	0.001	-0.003	0.001	0.004	0.000	-0.003	0.001	0.001	0.001	-0.001	-0.001	0.001
		-2.038	0.000	0.001	0.000	0.000	0.002	0.005	0.000	-0.001	0.001	0.001	0.001	-0.001	0.000	0.001	0.001
		0.000	0.000	0.000	0.000	0.000	-0.003	0.001	0.003	0.000	-0.002	0.001	0.001	0.001	-0.001	-0.001	0.001
		-2.007	0.001	0.001	0.000	0.000	0.003	0.005	0.001	-0.001	0.000	0.001	0.001	-0.001	-0.001	0.001	0.001
		0.000	0.000	0.000	0.000	0.000	-0.003	0.001	0.003	0.000	-0.001	0.001	0.001	0.001	-0.001	-0.001	0.000
		-1.925	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		0.000	0.000	0.000	-0.001	0.000	-0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RUN	POINT	Harmonics															
48	46																
		0.039	0.000	0.001	0.001	0.001	0.003	0.004	0.002	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	0.001
		0.000	-0.001	0.000	0.000	0.001	-0.002	0.001	0.003	0.002	0.000	0.001	0.000	0.000	0.000	0.000	0.000
		0.050	0.000	0.000	0.000	0.000	-0.001	0.003	0.001	-0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000
		0.000	0.000	0.000	-0.001	0.001	-0.003	0.000	0.003	0.001	-0.002	0.000	0.000	0.000	0.000	0.000	0.000
		-0.045	0.000	0.000	0.000	0.000	0.000	0.003	0.001	-0.001	0.000	0.000	0.000	-0.001	0.000	0.001	0.001
		0.000	0.000	0.000	0.000	0.000	-0.003	0.000	0.003	0.001	-0.002	0.001	0.001	0.001	-0.001	-0.001	0.001
		-0.003	0.000	0.000	0.000	0.000	-0.001	0.003	0.001	0.000	-0.001	0.000	0.000	0.000	0.000	0.001	0.001
		0.000	0.000	0.000	-0.001	0.001	-0.003	-0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	-0.001	0.000
		0.080	0.000	0.001	0.001	0.000	0.001	0.000	-0.001	-0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.000
		0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.000

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.034	-0.012	0.001	0.001	0.000	0.002	0.018	0.015	0.005	-0.001	-0.002	-0.003	0.001	0.003	0.003	0.003
	FLAP1C_TS_SIN	0.000	-0.993	-0.001	0.000	-0.001	-0.002	-0.010	-0.011	0.006	0.001	0.001	0.001	0.002	0.000	-0.001	-0.001
	FLAP2C_TS_COS	0.046	-0.013	-0.003	0.000	-0.002	-0.003	0.018	0.007	-0.001	-0.006	0.002	-0.002	-0.001	-0.002	0.002	0.001
	FLAP2C_TS_SIN	0.000	-0.992	-0.001	0.000	-0.001	-0.001	-0.004	0.005	0.012	0.003	-0.002	0.003	0.002	0.000	-0.002	0.002
	FLAP3C_TS_COS	-0.047	-0.012	0.000	0.000	-0.001	-0.002	0.007	0.008	0.000	-0.005	0.002	-0.001	0.000	0.003	0.005	0.002
	FLAP3C_TS_SIN	0.000	-0.990	-0.002	0.002	-0.001	0.003	-0.008	-0.013	0.006	0.000	-0.001	0.004	0.000	0.001	-0.002	-0.001
	FLAP4C_TS_COS	-0.010	-0.013	0.001	0.001	-0.002	0.000	0.013	-0.004	0.001	0.000	-0.001	0.002	0.003	0.001	0.002	0.000
	FLAP4C_TS_SIN	0.000	-0.999	0.001	0.002	-0.002	0.003	0.011	-0.006	0.011	0.006	0.003	0.003	0.001	0.000	-0.002	0.000
	FLAP5C_TS_COS	0.074	-0.015	-0.002	0.001	-0.002	0.002	0.012	0.000	0.000	-0.002	0.004	0.001	0.004	0.003	0.001	0.002
	FLAP5C_TS_SIN	0.000	-0.995	-0.002	0.002	-0.002	0.000	0.000	-0.012	0.005	-0.001	-0.002	0.003	-0.002	0.004	0.002	0.002
RUN	POINT	Harmonics															
48	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.039	-0.032	0.005	-0.001	0.003	-0.001	0.029	0.015	0.004	-0.004	0.001	-0.006	0.004	0.005	0.007	0.004
	FLAP1C_TS_SIN	0.000	-1.987	0.001	0.001	0.000	0.003	-0.016	-0.027	0.007	0.000	0.007	0.008	0.004	0.001	-0.002	-0.002
	FLAP2C_TS_COS	0.049	-0.032	0.007	-0.002	0.002	-0.001	0.030	0.022	0.005	-0.007	0.003	-0.005	-0.002	0.003	0.004	0.004
	FLAP2C_TS_SIN	0.000	-1.989	0.001	0.000	0.001	0.000	-0.011	-0.017	0.015	0.000	0.004	0.012	0.008	0.005	0.000	0.001
	FLAP3C_TS_COS	-0.045	-0.031	0.003	-0.001	0.001	-0.001	0.020	0.009	0.000	-0.009	0.000	0.001	0.002	0.004	0.008	0.000
	FLAP3C_TS_SIN	0.000	-1.984	0.000	0.000	0.000	-0.001	-0.011	-0.030	0.009	0.004	0.002	0.010	0.002	0.001	-0.005	-0.002
	FLAP4C_TS_COS	-0.007	-0.032	0.005	-0.003	0.001	-0.003	0.027	0.023	-0.003	0.001	-0.002	0.000	0.001	0.003	0.008	0.003
	FLAP4C_TS_SIN	0.000	-1.994	-0.001	0.002	-0.001	0.000	-0.003	-0.013	0.020	-0.004	0.006	0.004	0.005	0.005	-0.001	0.002
	FLAP5C_TS_COS	0.079	-0.032	0.004	0.000	0.002	-0.002	0.020	-0.002	-0.001	-0.008	0.003	-0.001	0.007	0.007	0.007	0.005
	FLAP5C_TS_SIN	0.000	-1.993	0.000	0.001	0.000	0.003	-0.001	-0.037	0.008	-0.004	0.000	0.006	0.000	0.003	-0.001	0.001

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.044	0.000	0.001	-0.001	0.000	-0.001	0.003	0.004	0.002	-0.001	-0.001	0.000	0.000	0.000	0.000	0.001
	TS_SIN	0.000	0.000	0.001	0.000	0.001	-0.001	-0.003	0.000	0.003	0.001	0.000	0.001	0.000	0.000	0.000	0.000
	TS_COS	0.056	0.001	0.001	0.000	0.000	-0.001	-0.001	0.003	0.001	-0.001	0.000	0.001	0.000	-0.001	0.001	0.000
	TS_SIN	0.000	-0.001	0.000	0.001	0.001	0.000	-0.004	0.000	0.003	0.001	-0.002	0.000	0.001	-0.001	-0.001	0.001
	TS_COS	-0.043	0.000	0.001	0.000	0.000	0.000	0.000	0.003	0.001	-0.001	0.000	0.001	-0.001	0.000	0.001	0.001
	TS_SIN	0.000	0.000	0.000	0.000	0.000	0.001	-0.003	-0.001	0.002	0.000	-0.002	0.001	0.001	-0.001	-0.001	0.001
	TS_COS	-0.001	0.001	0.001	-0.001	0.000	0.000	-0.001	0.003	0.002	0.000	-0.001	0.000	0.000	0.000	0.001	0.001
	TS_SIN	0.000	0.001	0.001	0.000	0.000	0.000	-0.002	-0.002	0.001	0.001	0.000	0.001	0.000	0.000	-0.001	0.000
FLAP2C	TS_COS	0.085	0.001	0.000	0.000	0.000	0.000	0.001	0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	0.001	0.000
	TS_SIN	0.000	-0.001	0.001	0.000	0.000	0.000	-0.001	0.002	0.001	0.000	-0.001	0.000	0.000	0.000	0.000	0.000
	TS_COS	0.038	1.989	-0.004	0.000	0.001	-0.001	-0.006	0.005	0.007	0.005	-0.003	-0.009	-0.004	0.000	-0.004	0.001
	TS_SIN	0.000	-0.029	-0.001	0.002	0.000	-0.002	-0.013	-0.011	0.018	0.006	0.004	0.007	0.001	0.001	-0.001	0.003
	TS_COS	0.050	1.990	-0.003	-0.001	0.001	-0.001	0.003	-0.016	-0.004	0.000	-0.005	-0.004	0.002	0.004	0.001	0.003
	TS_SIN	0.000	-0.029	0.002	0.001	0.000	0.000	0.002	0.005	0.018	0.003	-0.009	-0.001	-0.004	-0.001	-0.002	0.003
	TS_COS	-0.046	1.983	-0.001	-0.001	0.001	0.000	-0.015	-0.018	0.002	0.003	0.000	-0.004	0.001	0.002	-0.001	0.000
	TS_SIN	0.000	-0.029	0.000	0.000	0.000	0.001	-0.002	0.003	0.012	-0.004	-0.008	0.004	0.000	0.001	-0.002	0.001
FLAP3C	TS_COS	-0.006	1.992	-0.003	-0.001	0.000	0.002	-0.011	-0.014	0.001	0.004	-0.010	-0.003	0.007	0.004	-0.001	0.000
	TS_SIN	0.000	-0.030	0.000	0.001	0.000	0.000	0.012	-0.003	0.011	-0.002	-0.012	0.001	0.000	0.006	0.000	0.003
	TS_COS	0.078	1.994	-0.003	0.000	0.001	0.000	0.004	-0.015	0.000	-0.010	-0.008	-0.005	-0.001	-0.001	0.001	0.003
	TS_SIN	0.000	-0.030	-0.001	0.002	0.000	-0.001	-0.011	0.010	0.024	0.000	-0.011	0.000	-0.002	-0.001	-0.002	-0.001

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.040	-0.994	0.000	0.000	0.000	0.002	0.009	0.018	0.004	-0.007	-0.002	-0.001	0.001	0.003	-0.001	0.003
FLAP1C	TS_SIN	0.000	0.014	0.000	0.000	0.000	0.001	-0.021	-0.009	0.009	0.011	-0.007	0.004	0.004	-0.001	-0.002	-0.002
FLAP2C	TS_COS	0.050	-0.994	-0.001	0.000	0.001	0.001	0.002	0.005	0.003	-0.006	-0.002	0.003	0.001	0.003	0.001	0.002
FLAP2C	TS_SIN	0.000	0.014	0.000	0.000	0.000	-0.001	-0.020	-0.004	0.010	0.002	-0.002	0.000	0.002	-0.001	-0.001	0.002
FLAP3C	TS_COS	-0.045	-0.992	-0.001	0.000	0.000	0.000	-0.003	0.012	0.007	-0.004	0.000	-0.001	0.001	0.003	0.001	0.002
FLAP3C	TS_SIN	0.000	0.014	0.000	0.000	0.000	-0.001	-0.020	-0.007	0.011	0.006	-0.004	0.001	0.004	-0.001	-0.002	0.000
FLAP4C	TS_COS	-0.003	-0.996	-0.001	0.000	0.001	-0.001	0.003	0.010	0.007	-0.005	-0.009	0.003	0.003	0.003	0.001	0.001
FLAP4C	TS_SIN	0.000	0.014	0.001	0.000	0.000	0.001	-0.021	-0.013	0.015	0.002	-0.003	0.005	0.004	-0.001	-0.003	0.001
FLAP5C	TS_COS	0.080	-0.997	-0.001	0.000	0.000	0.001	0.005	0.014	0.003	-0.006	-0.001	0.002	0.001	0.001	0.001	0.002
FLAP5C	TS_SIN	0.000	0.014	0.000	0.000	0.000	0.001	-0.019	-0.006	0.012	0.006	-0.007	0.001	0.005	-0.003	-0.002	0.001
RUN	POINT	Harmonics															
48	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.037	-1.990	-0.006	0.001	-0.001	0.003	0.007	0.030	0.004	-0.003	-0.006	-0.001	0.006	0.004	0.000	0.001
FLAP1C	TS_SIN	0.000	0.028	-0.002	-0.001	-0.001	0.000	-0.025	-0.011	0.013	0.013	-0.010	0.002	0.006	0.000	-0.003	-0.004
FLAP2C	TS_COS	0.049	-1.992	-0.006	0.003	-0.001	0.002	0.000	0.023	0.002	-0.007	0.000	-0.004	-0.001	0.006	0.002	0.003
FLAP2C	TS_SIN	0.000	0.029	-0.002	-0.001	0.000	-0.001	-0.032	0.001	0.015	0.009	-0.004	-0.001	0.006	-0.005	-0.002	0.001
FLAP3C	TS_COS	-0.045	-1.985	-0.005	0.001	-0.001	-0.001	-0.009	0.026	0.009	0.000	-0.003	-0.002	0.002	0.003	0.003	0.003
FLAP3C	TS_SIN	0.000	0.028	-0.002	-0.001	0.000	-0.001	-0.025	-0.013	0.014	0.011	-0.008	0.000	0.008	0.000	-0.003	-0.003
FLAP4C	TS_COS	-0.002	-1.995	-0.007	0.002	-0.002	0.001	-0.001	0.025	0.010	-0.010	-0.014	-0.003	0.005	0.007	0.001	0.005
FLAP4C	TS_SIN	0.000	0.026	-0.001	0.000	-0.001	0.000	-0.030	-0.003	0.017	0.010	-0.004	-0.002	0.009	-0.004	-0.006	0.001
FLAP5C	TS_COS	0.078	-1.993	-0.008	0.001	0.000	0.001	0.002	0.026	0.003	0.001	-0.001	0.002	0.005	0.000	0.000	0.002
FLAP5C	TS_SIN	0.000	0.031	-0.001	-0.003	0.001	0.001	-0.030	-0.012	0.016	0.010	-0.007	0.001	0.009	0.000	-0.002	-0.001

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
48	59																
		0.042	0.000	-0.001	-0.001	-0.001	0.000	0.003	0.005	0.002	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.001
		0.000	0.000	0.000	0.000	0.000	-0.001	-0.003	0.000	0.003	0.002	0.000	0.001	0.000	0.000	0.000	0.000
		0.052	0.000	0.000	-0.001	0.000	-0.001	-0.001	0.003	0.000	-0.001	0.000	0.001	-0.001	-0.001	0.000	0.001
		0.000	-0.001	0.000	0.000	0.000	0.000	-0.004	0.000	0.003	0.001	-0.001	0.001	0.001	0.000	-0.001	0.001
		-0.044	0.000	0.000	0.000	-0.001	0.000	0.000	0.003	0.001	-0.001	0.000	0.001	-0.001	0.000	0.001	0.001
		0.000	0.000	0.000	0.001	-0.001	0.000	-0.003	-0.001	0.003	0.000	-0.002	0.001	0.001	-0.001	-0.001	0.001
		-0.001	0.000	0.000	-0.001	-0.001	0.000	-0.001	0.003	0.002	0.000	-0.001	0.000	0.000	0.000	0.000	0.001
		0.000	0.000	0.000	0.001	-0.001	-0.001	-0.002	-0.002	0.001	0.001	0.000	0.000	0.000	0.000	-0.001	0.000
		0.082	0.000	-0.001	-0.001	0.000	0.000	0.002	0.001	-0.001	-0.001	0.000	0.000	0.000	0.001	0.001	0.000
		0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	0.002	0.001	-0.001	-0.001	0.000	-0.001	0.000	0.000	0.000
48	78																
		0.039	0.000	-0.001	0.001	-0.001	0.000	0.004	0.012	0.003	-0.001	0.001	0.003	0.003	0.002	-0.001	-0.003
		0.000	0.001	-0.001	0.000	0.000	-0.001	-0.008	0.003	0.006	0.003	-0.002	0.000	0.001	0.001	0.001	-0.001
		0.050	0.001	-0.001	0.000	-0.001	0.000	0.002	0.007	0.002	-0.002	-0.005	-0.001	0.002	0.002	-0.001	0.000
		0.000	0.003	0.000	0.001	-0.001	-0.001	-0.003	0.003	0.008	0.007	0.003	-0.001	0.000	0.001	-0.001	-0.002
		-0.045	0.000	-0.001	0.000	0.000	0.000	0.001	0.007	0.001	0.000	-0.001	0.002	0.001	0.001	0.000	0.000
		0.000	0.001	0.000	0.000	0.000	0.000	-0.003	0.001	0.005	0.002	0.001	0.000	0.001	-0.002	-0.002	-0.002
		-0.003	0.000	-0.001	0.000	-0.001	0.000	0.003	0.003	0.002	-0.002	0.000	0.000	0.002	0.001	-0.001	-0.002
		0.000	0.001	0.000	0.001	0.000	-0.001	-0.001	0.003	0.006	0.004	0.003	0.001	0.001	-0.001	-0.002	-0.002
		0.079	-0.001	0.000	0.000	0.000	0.000	0.004	0.003	0.000	-0.002	-0.001	0.001	0.001	0.000	-0.001	-0.001
		0.000	0.002	-0.001	0.001	-0.001	0.000	-0.001	0.003	0.004	0.002	0.000	0.002	0.002	0.001	0.000	-0.002

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
48	79																
		1.034	0.001	0.000	0.000	0.000	0.003	0.008	0.000	0.000	0.001	0.003	0.001	0.001	0.002	0.000	-0.001
		0.000	0.000	0.001	0.001	0.000	-0.004	0.005	0.004	0.002	-0.002	0.002	0.002	0.002	0.000	0.000	-0.002
		1.045	0.000	-0.001	-0.001	0.000	0.004	0.005	0.001	-0.003	-0.007	-0.001	0.003	0.003	0.003	-0.001	0.002
		0.000	0.001	0.000	0.000	0.000	0.001	0.006	0.008	0.008	0.001	-0.003	-0.001	0.001	0.001	-0.002	-0.002
		0.947	0.000	0.000	0.000	0.000	0.000	0.006	0.001	0.000	-0.001	0.001	0.001	0.002	0.002	0.000	0.000
		0.000	0.000	0.000	0.000	0.000	-0.002	0.001	0.004	0.003	0.002	0.001	0.000	0.000	-0.001	-0.003	-0.003
		0.992	0.001	-0.001	0.000	0.000	0.002	0.002	0.003	-0.001	0.000	-0.001	0.003	0.003	0.003	0.000	0.000
		0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.006	0.004	0.003	0.001	-0.001	0.000	0.000	-0.003	-0.002
		1.076	0.000	0.000	0.000	0.000	0.003	0.004	0.000	-0.002	-0.002	0.000	0.000	0.000	0.000	-0.001	0.000
		0.000	0.000	0.000	0.000	0.000	-0.001	0.003	0.005	0.003	0.001	0.002	0.002	0.001	0.001	-0.001	-0.003
48	80																
		2.022	0.001	0.002	-0.001	0.001	0.002	0.007	0.001	0.000	0.001	0.002	-0.001	0.002	0.002	0.000	0.000
		0.000	-0.002	0.001	0.000	0.000	-0.005	0.004	0.005	0.002	0.000	0.003	0.003	0.000	0.000	0.000	-0.003
		2.035	-0.001	0.002	-0.001	0.000	0.003	0.004	0.001	0.000	-0.006	-0.002	0.000	0.002	0.002	-0.001	0.002
		0.000	-0.002	0.001	-0.001	0.001	0.002	0.006	0.006	0.007	0.004	0.000	0.001	0.001	0.001	-0.001	-0.005
		1.936	0.001	0.001	-0.001	0.000	0.000	0.003	0.000	0.000	-0.001	0.000	0.000	0.001	0.001	0.001	0.001
		0.000	-0.001	0.000	0.000	-0.001	-0.001	0.002	0.002	0.002	0.002	0.003	0.001	-0.001	-0.001	-0.002	-0.002
		1.983	0.001	0.001	0.000	0.000	-0.001	0.002	0.002	0.002	-0.001	-0.002	0.001	0.004	0.004	0.002	0.000
		0.000	0.000	0.000	0.000	0.000	0.004	-0.001	0.005	0.002	0.003	0.001	-0.001	0.000	0.000	-0.002	-0.003
		2.067	0.002	0.000	0.000	0.001	0.002	0.003	0.001	-0.001	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.001
		0.000	-0.002	0.000	0.000	-0.001	0.000	0.001	0.003	0.002	0.002	0.001	0.001	0.001	0.001	-0.001	-0.002



RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
48	85																
	FLAP1C_TS_COS	0.037	0.000	0.000	0.001	-0.001	0.000	0.003	0.011	0.002	-0.002	0.002	0.004	0.002	0.002	-0.001	-0.003
	FLAP1C_TS_SIN	0.000	0.001	0.000	0.001	0.000	0.000	-0.007	0.003	0.006	0.002	-0.004	0.001	0.001	0.001	0.001	-0.001
	FLAP2C_TS_COS	0.049	0.000	0.000	0.000	-0.001	0.000	0.002	0.007	0.002	-0.002	-0.004	-0.001	0.003	0.003	-0.001	-0.001
	FLAP2C_TS_SIN	0.000	0.001	0.000	0.000	0.000	-0.002	-0.002	0.003	0.008	0.007	0.004	-0.001	-0.001	0.000	-0.001	-0.002
	FLAP3C_TS_COS	-0.047	0.000	0.001	0.000	0.000	0.001	0.000	0.007	0.002	0.000	0.000	0.002	0.001	0.001	0.001	0.000
	FLAP3C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	-0.003	0.001	0.005	0.002	0.001	0.000	0.001	-0.002	-0.003	-0.002
	FLAP4C_TS_COS	-0.005	0.000	0.000	0.000	0.000	-0.001	0.003	0.002	0.002	-0.002	0.001	0.001	0.003	0.001	-0.001	-0.002
	FLAP4C_TS_SIN	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.006	0.004	0.002	0.001	0.000	-0.001	-0.002	-0.002
	FLAP5C_TS_COS	0.077	0.000	0.000	0.000	0.000	0.000	0.004	0.004	0.000	-0.002	-0.001	0.001	0.001	0.001	-0.001	-0.001
	FLAP5C_TS_SIN	0.000	0.001	0.000	0.000	0.000	0.000	-0.002	0.003	0.005	0.002	0.001	0.002	0.002	0.001	0.000	-0.002
48	86																
	FLAP1C_TS_COS	0.038	0.013	0.001	-0.001	0.000	0.000	-0.006	0.016	0.004	0.004	0.010	0.008	0.008	0.004	0.000	-0.004
	FLAP1C_TS_SIN	0.000	0.993	0.001	0.001	-0.001	0.000	0.006	0.013	0.010	0.007	-0.003	0.010	0.005	0.004	0.002	-0.002
	FLAP2C_TS_COS	0.049	0.013	0.000	-0.002	-0.001	-0.001	-0.015	0.015	0.003	0.005	-0.002	0.003	0.008	0.008	-0.002	-0.003
	FLAP2C_TS_SIN	0.000	0.995	0.000	0.000	0.000	0.001	0.012	0.009	0.019	0.009	0.009	0.002	0.002	0.002	-0.001	-0.004
	FLAP3C_TS_COS	-0.048	0.013	0.000	-0.001	-0.001	0.000	-0.006	0.017	0.006	0.002	0.001	0.003	0.003	0.007	0.003	-0.001
	FLAP3C_TS_SIN	0.000	0.993	0.001	0.001	-0.001	0.000	0.012	0.006	0.011	0.003	-0.001	0.004	0.005	-0.001	-0.002	-0.004
	FLAP4C_TS_COS	-0.004	0.015	0.002	0.000	0.000	0.001	-0.009	0.022	0.007	0.007	0.002	0.002	0.009	0.004	0.001	-0.004
	FLAP4C_TS_SIN	0.000	0.997	0.001	0.001	0.000	0.001	0.009	0.000	0.016	0.007	0.009	0.003	0.003	0.003	-0.004	0.000
	FLAP5C_TS_COS	0.079	0.013	0.002	-0.001	0.001	0.000	-0.008	0.016	0.008	0.002	0.009	0.005	0.005	0.003	-0.002	-0.003
	FLAP5C TS SIN	0.000	0.997	0.001	0.000	-0.001	0.000	0.010	0.011	0.015	0.003	0.001	0.008	0.007	0.006	-0.002	-0.005

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
48	POINT	87	0.033	0.026	0.002	0.000	0.000	-0.001	-0.014	0.017	0.008	0.016	0.012	0.010	0.010	0.005	0.000	-0.003	
			0.000	1.988	-0.002	0.000	0.000	-0.001	0.009	0.018	0.003	0.003	-0.002	0.011	0.004	0.008	0.001	-0.002	
			0.043	0.025	0.001	-0.001	-0.001	-0.002	-0.019	0.006	0.011	0.010	0.001	0.010	0.013	0.008	0.001	-0.006	
			0.000	1.989	-0.002	0.000	-0.001	0.000	0.027	0.015	0.017	0.016	0.007	0.006	0.003	0.002	0.001	-0.004	
			-0.051	0.025	0.000	-0.001	0.000	-0.001	-0.013	0.021	0.005	0.012	0.001	0.004	0.004	0.008	0.005	0.001	
			0.000	1.985	-0.001	0.001	-0.001	0.000	0.017	0.018	0.008	-0.003	-0.002	0.004	0.002	0.000	-0.002	-0.006	
			-0.011	0.027	0.002	-0.001	0.000	-0.001	-0.018	0.012	0.014	0.009	0.013	0.008	0.010	0.009	0.004	-0.003	
			0.000	1.994	0.000	-0.001	0.000	-0.001	0.020	-0.001	0.013	0.006	0.005	0.014	0.001	0.001	-0.002	0.000	
48	POINT	89	0.073	0.026	0.004	-0.001	0.000	0.000	-0.012	0.017	0.013	0.010	0.011	0.005	0.005	0.004	0.002	-0.001	
			0.000	1.993	-0.002	0.000	-0.001	-0.001	0.016	0.028	0.012	-0.002	0.001	0.009	0.007	0.006	0.000	-0.006	
			Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
				0.038	-0.014	-0.001	0.001	0.001	0.001	0.020	0.023	0.000	-0.002	-0.002	0.004	0.005	0.008	-0.003	0.000
				0.000	-0.993	-0.001	-0.001	0.001	-0.001	-0.018	-0.009	0.013	0.005	-0.008	0.003	-0.004	0.003	0.002	-0.001
				0.050	-0.015	0.001	0.001	0.000	0.001	0.017	0.027	0.006	0.000	-0.006	0.001	0.002	0.004	-0.005	-0.003
				0.000	-0.993	-0.001	-0.001	0.001	-0.002	-0.009	-0.011	0.029	0.009	0.015	0.004	0.005	0.002	0.001	-0.003
				-0.046	-0.014	0.000	0.000	0.001	0.000	0.009	0.014	0.003	0.000	0.007	0.002	0.002	0.005	-0.001	0.001
0.000	-0.992	-0.001	-0.001	0.001	-0.001	-0.005	-0.018	0.015	0.001	0.006	0.005	0.002	-0.001	-0.003	-0.003				
0.000	-0.003	-0.015	0.000	0.000	0.001	0.000	0.015	0.019	0.002	0.002	0.006	0.004	0.004	0.003	-0.006	-0.001			
48	POINT	90	0.000	-0.997	-0.001	0.000	0.001	-0.001	0.004	-0.009	0.031	0.008	0.011	0.005	0.002	-0.001	-0.003	-0.002	
			0.078	-0.014	0.000	0.001	0.001	0.001	0.014	0.017	-0.001	0.000	0.007	0.003	0.005	0.009	0.000	0.003	
			0.000	-0.996	0.000	0.000	0.001	0.000	-0.006	-0.012	0.018	0.000	0.002	0.002	0.000	-0.001	0.002	-0.004	

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.030	-0.031	0.003	0.000	-0.001	0.001	0.023	0.026	0.001	-0.006	-0.001	0.001	0.005	0.014	-0.002	-0.002
FLAP1C	TS_SIN	0.000	-1.989	0.001	-0.001	0.000	-0.001	-0.018	-0.028	0.023	0.004	0.006	0.003	0.002	-0.002	0.004	-0.002
FLAP2C	TS_COS	0.043	-0.030	0.004	0.002	0.000	0.000	0.026	0.029	0.009	-0.004	0.003	0.001	0.005	0.013	-0.001	0.001
FLAP2C	TS_SIN	0.000	-1.988	0.000	-0.002	0.001	-0.001	-0.014	-0.036	0.027	-0.001	0.015	0.013	0.007	0.002	0.000	-0.006
FLAP3C	TS_COS	-0.052	-0.030	0.002	0.001	-0.002	0.000	0.018	0.008	0.005	-0.009	0.006	0.002	0.002	0.011	0.000	-0.001
FLAP3C	TS_SIN	0.000	-1.982	0.000	-0.001	0.001	-0.001	-0.008	-0.038	0.017	0.003	0.005	0.006	0.001	-0.006	-0.001	-0.006
FLAP4C	TS_COS	-0.012	-0.032	0.004	0.001	-0.001	-0.001	0.024	0.030	0.013	0.002	0.013	0.005	0.004	0.009	-0.006	-0.002
FLAP4C	TS_SIN	0.000	-1.993	-0.002	-0.001	0.001	-0.001	0.000	-0.032	0.040	0.001	0.013	0.006	0.002	0.001	-0.002	-0.002
FLAP5C	TS_COS	0.070	-0.032	0.001	0.001	-0.001	-0.001	0.021	0.008	0.001	-0.004	0.009	0.004	0.009	0.015	0.002	0.001
FLAP5C	TS_SIN	0.000	-1.991	0.000	-0.001	0.000	0.000	-0.004	-0.036	0.020	-0.002	0.004	0.003	-0.001	-0.003	0.002	-0.007
RUN	POINT	Harmonics															
48	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.038	0.001	-0.001	0.000	-0.001	0.000	0.004	0.013	0.004	-0.001	0.001	0.004	0.003	0.002	-0.001	-0.003
FLAP1C	TS_SIN	0.000	0.003	0.000	0.001	0.000	0.000	-0.008	0.002	0.006	0.003	-0.003	0.001	0.001	0.001	0.001	-0.001
FLAP2C	TS_COS	0.048	0.002	-0.001	0.000	0.000	0.000	0.003	0.008	0.003	-0.002	-0.005	-0.001	0.003	0.003	-0.001	0.000
FLAP2C	TS_SIN	0.000	0.002	0.000	0.001	0.000	0.000	-0.004	0.003	0.008	0.008	0.004	-0.001	-0.001	0.001	-0.001	-0.002
FLAP3C	TS_COS	-0.047	0.000	0.000	0.000	0.000	0.001	0.001	0.007	0.002	0.000	0.000	0.002	0.002	0.001	0.001	0.000
FLAP3C	TS_SIN	0.000	0.001	0.000	0.000	0.000	0.000	-0.003	0.000	0.004	0.002	0.002	0.001	0.002	-0.001	-0.003	-0.002
FLAP4C	TS_COS	-0.005	0.000	-0.001	0.000	-0.001	0.001	0.003	0.004	0.002	-0.002	0.001	0.001	0.003	0.001	-0.001	-0.002
FLAP4C	TS_SIN	0.000	-0.001	0.000	0.001	-0.001	0.000	-0.001	0.003	0.006	0.004	0.002	0.001	0.000	-0.001	-0.002	-0.002
FLAP5C	TS_COS	0.077	-0.001	-0.001	-0.001	0.000	0.000	0.004	0.005	0.001	-0.001	0.000	0.001	0.001	0.000	-0.001	-0.001
FLAP5C	TS_SIN	0.000	0.002	0.000	0.001	0.000	0.000	-0.002	0.003	0.004	0.002	0.001	0.002	0.002	0.002	0.000	-0.002

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
48	93																
		0.038	0.992	0.001	0.001	0.001	0.002	-0.008	0.021	-0.002	-0.005	0.010	0.004	0.006	0.004	0.002	-0.005
	FLAP1C_TS_COS																
	FLAP1C_TS_SIN	0.000	-0.015	0.001	-0.001	0.000	0.000	-0.011	-0.001	0.023	0.008	-0.007	0.008	0.001	-0.002	0.004	0.001
	FLAP2C_TS_COS	0.047	0.994	0.001	0.000	0.001	0.001	0.000	0.010	-0.005	-0.007	-0.004	0.002	0.006	0.004	-0.001	0.002
	FLAP2C_TS_SIN	0.000	-0.014	0.001	-0.002	0.000	-0.001	0.008	0.012	0.018	0.009	0.001	0.000	-0.002	-0.004	-0.002	-0.003
	FLAP3C_TS_COS	-0.048	0.991	0.002	0.000	0.001	0.000	-0.004	0.011	0.003	-0.001	-0.002	0.004	0.002	0.000	0.000	0.003
	FLAP3C_TS_SIN	0.000	-0.013	0.001	-0.001	0.000	0.000	0.007	-0.001	0.013	0.007	-0.003	0.001	0.001	-0.001	-0.003	-0.004
	FLAP4C_TS_COS	-0.008	0.995	0.002	0.000	0.001	0.000	-0.002	0.013	-0.012	-0.010	0.003	0.010	0.005	0.001	-0.003	0.002
	FLAP4C_TS_SIN	0.000	-0.012	0.000	-0.001	0.000	0.000	0.011	0.010	0.014	0.005	-0.004	0.002	0.002	-0.004	-0.003	-0.001
	FLAP5C_TS_COS	0.076	0.994	0.001	0.001	0.001	0.001	0.004	0.014	-0.002	-0.010	0.003	0.003	0.005	-0.002	-0.004	-0.002
	FLAP5C_TS_SIN	0.000	-0.014	0.001	-0.001	-0.001	0.000	-0.005	0.006	0.027	0.010	-0.008	0.003	0.001	-0.001	-0.001	-0.003
96																	
RUN	POINT	Harmonics															
48	96	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		0.033	-0.993	0.002	-0.001	0.000	0.000	0.012	0.027	-0.003	-0.011	0.003	0.005	0.003	-0.001	-0.001	0.005
	FLAP1C_TS_COS																
	FLAP1C_TS_SIN	0.000	0.013	0.000	0.001	0.002	0.000	-0.028	-0.004	0.024	0.010	-0.015	-0.001	0.005	0.004	-0.001	-0.004
	FLAP2C_TS_COS	0.043	-0.994	0.001	0.000	0.001	0.000	0.009	0.012	0.001	-0.013	-0.004	0.004	0.001	0.003	-0.001	0.003
	FLAP2C_TS_SIN	0.000	0.013	0.000	0.000	0.001	0.000	-0.013	-0.004	0.016	0.007	-0.002	0.003	0.006	0.001	-0.004	-0.003
	FLAP3C_TS_COS	-0.049	-0.992	0.000	-0.001	0.001	0.000	0.002	0.019	0.004	-0.010	-0.002	0.001	0.002	0.001	-0.002	0.005
	FLAP3C_TS_SIN	0.000	0.013	0.000	0.000	0.001	0.000	-0.021	-0.007	0.016	0.011	-0.003	-0.004	0.002	0.002	-0.003	-0.006
	FLAP4C_TS_COS	-0.010	-0.995	0.000	-0.001	0.000	0.001	0.018	0.015	-0.001	-0.014	0.002	0.006	0.003	-0.001	-0.001	0.004
	FLAP4C_TS_SIN	0.000	0.015	0.001	0.001	0.001	-0.001	-0.023	-0.009	0.022	0.005	-0.001	0.003	0.005	0.001	-0.004	-0.003
	FLAP5C_TS_COS	0.072	-0.995	0.000	0.000	0.001	0.001	0.001	0.018	0.001	-0.011	0.004	0.005	0.006	0.002	-0.005	0.003
	FLAP5C TS SIN	0.000	0.014	0.001	0.001	0.001	-0.001	-0.023	-0.010	0.018	0.008	-0.009	-0.003	0.007	0.009	0.002	-0.007

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
48	97																
		0.034	-1.988	-0.003	0.000	-0.002	0.000	0.009	0.038	-0.002	-0.013	-0.002	0.004	0.006	0.000	0.000	0.005
		0.000	0.029	0.000	0.000	0.000	0.000	-0.035	-0.010	0.026	0.018	-0.025	-0.001	0.008	0.002	0.001	-0.007
		0.044	-1.990	-0.004	0.001	-0.001	0.001	0.010	0.033	0.004	-0.018	-0.006	0.004	0.008	0.002	-0.006	0.003
		0.000	0.028	0.000	0.000	-0.001	0.000	-0.027	-0.007	0.021	0.014	-0.005	0.000	0.009	0.004	-0.002	-0.007
		-0.049	-1.984	-0.003	0.000	-0.002	0.000	-0.006	0.032	0.009	-0.005	-0.004	-0.001	0.005	0.000	0.000	0.004
		0.000	0.029	-0.001	0.001	0.000	-0.001	-0.022	-0.019	0.016	0.017	-0.001	-0.004	0.002	0.002	-0.004	-0.007
		-0.008	-1.993	-0.004	0.001	-0.001	-0.001	0.013	0.031	0.004	-0.024	0.004	0.006	0.006	0.001	-0.004	0.007
		0.000	0.029	0.001	0.000	-0.001	-0.001	-0.039	-0.005	0.026	0.016	-0.008	-0.003	0.010	0.002	-0.006	-0.003
		0.075	-1.994	-0.004	0.000	-0.001	0.000	0.002	0.036	0.005	-0.008	0.002	0.003	0.009	0.003	-0.004	0.002
		0.000	0.031	0.000	0.000	-0.001	0.001	-0.031	-0.017	0.025	0.016	-0.010	-0.005	0.005	0.009	0.005	-0.009
49	19																
		0.017	0.008	0.007	-0.001	-0.005	-0.002	0.000	0.012	0.004	-0.002	0.001	0.003	0.003	0.002	-0.001	-0.003
		0.000	-0.002	0.003	-0.001	0.005	0.001	-0.003	0.004	0.007	0.002	-0.003	0.000	0.001	0.001	0.001	-0.001
		0.034	0.003	0.006	-0.003	-0.005	-0.001	0.002	0.008	0.004	-0.002	-0.005	-0.002	0.003	0.003	-0.001	-0.001
		0.000	0.004	0.000	0.000	0.001	0.001	-0.002	0.003	0.007	0.007	0.003	-0.001	-0.001	0.001	-0.001	-0.002
		-0.061	0.003	0.008	-0.003	-0.003	-0.002	0.001	0.009	0.002	0.000	-0.001	0.001	0.001	0.001	0.001	0.000
		0.000	0.004	0.000	0.000	0.001	0.002	-0.002	0.002	0.005	0.001	0.001	0.001	0.001	-0.001	-0.003	-0.002
		-0.017	0.004	0.006	-0.002	-0.003	-0.002	0.001	0.004	0.002	-0.003	0.000	0.000	0.003	0.001	-0.001	-0.002
		0.000	0.002	-0.001	0.001	0.001	0.002	-0.002	0.003	0.005	0.003	0.002	0.001	0.001	-0.001	-0.002	-0.002
		0.060	0.006	0.008	-0.005	-0.004	-0.003	0.001	0.003	0.000	-0.001	-0.002	0.000	0.000	0.000	0.000	-0.001
		0.000	-0.002	0.004	0.000	0.001	0.001	0.000	0.003	0.002	0.001	0.000	0.001	0.001	0.001	0.000	-0.002

RUN	POINT	Harmonics																		
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
49	20																			
		0.031	0.002	0.004	0.070	0.001	0.000	0.004	0.030	-0.009	0.012	0.021	-0.003	0.007	0.015	-0.005	0.013			
		FLAP1C_TS_COS																		
		0.000	-0.001	0.002	1.475	0.000	0.000	0.001	-0.029	0.024	0.083	-0.013	0.008	0.012	0.006	0.015	-0.011			
		FLAP1C_TS_SIN																		
		0.040	0.002	0.003	0.066	-0.002	0.000	0.002	0.038	-0.007	-0.009	0.003	-0.012	0.010	0.019	-0.007	0.005			
		FLAP2C_TS_COS																		
		0.000	0.000	0.002	1.476	0.000	0.000	0.000	-0.038	0.032	0.114	0.001	-0.005	0.001	0.000	0.012	0.007			
		FLAP2C_TS_SIN																		
		-0.052	0.001	0.000	0.067	-0.001	0.000	0.002	0.018	-0.011	0.019	0.011	-0.006	0.003	0.014	0.003	0.015			
		FLAP3C_TS_COS																		
		0.000	0.000	-0.001	1.472	0.001	0.000	0.000	-0.043	0.026	0.084	0.007	-0.008	0.005	-0.010	0.013	-0.009			
		FLAP3C_TS_SIN																		
		-0.012	0.002	0.004	0.068	0.000	0.000	0.003	0.019	-0.015	-0.015	0.026	0.001	0.013	0.017	-0.002	0.004			
		FLAP4C_TS_COS																		
		0.000	0.000	0.000	1.480	0.003	-0.003	0.000	-0.034	0.014	0.110	-0.004	-0.002	0.010	0.004	0.016	0.014			
		FLAP4C_TS_SIN																		
		0.071	0.002	0.005	0.069	0.002	-0.001	0.002	0.028	-0.020	0.036	0.029	-0.005	0.007	0.008	-0.003	0.013			
		FLAP5C_TS_COS																		
		0.000	-0.001	-0.001	1.477	0.001	0.000	0.000	-0.024	0.034	0.119	-0.004	0.003	0.011	-0.004	0.020	-0.004			
		FLAP5C_TS_SIN																		
RUN	POINT	Harmonics																		
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
49	21																			
		0.027	0.001	-0.002	0.792	0.000	0.002	0.000	0.025	0.000	0.069	0.002	0.005	0.009	0.003	-0.001	-0.012			
		FLAP1C_TS_COS																		
		0.000	-0.002	0.003	1.248	-0.003	0.000	0.001	-0.013	0.033	-0.013	-0.017	0.011	0.008	0.000	0.012	0.003			
		FLAP1C_TS_SIN																		
		0.037	-0.001	-0.004	0.790	-0.002	0.001	-0.001	0.028	0.014	0.096	-0.015	-0.010	-0.007	0.003	-0.001	0.003			
		FLAP2C_TS_COS																		
		0.000	-0.001	0.003	1.249	-0.001	-0.001	0.001	-0.025	0.036	0.015	-0.003	0.008	-0.007	-0.013	0.006	-0.006			
		FLAP2C_TS_SIN																		
		-0.056	-0.001	-0.005	0.788	-0.002	0.000	0.000	0.012	0.005	0.074	0.002	-0.009	-0.001	-0.002	0.006	-0.002			
		FLAP3C_TS_COS																		
		0.000	-0.002	0.000	1.246	0.001	-0.001	-0.001	-0.020	0.031	-0.021	-0.001	0.011	0.006	-0.007	0.000	0.005			
		FLAP3C_TS_SIN																		
		-0.016	0.001	-0.003	0.793	0.001	0.002	0.001	0.024	-0.007	0.098	0.003	-0.006	-0.004	0.005	0.003	0.017			
		FLAP4C_TS_COS																		
		0.000	-0.002	0.000	1.252	0.000	-0.001	0.002	-0.002	0.034	0.018	-0.011	0.003	-0.008	-0.007	0.004	-0.006			
		FLAP4C_TS_SIN																		
		0.067	-0.001	-0.001	0.793	0.001	0.001	0.000	0.023	0.004	0.104	0.010	-0.002	-0.003	-0.007	0.004	0.000			
		FLAP5C_TS_COS																		
		0.000	-0.002	0.000	1.250	-0.001	0.001	-0.001	-0.015	0.043	-0.038	-0.017	0.009	0.003	0.000	0.003	-0.006			
		FLAP5C_TS_SIN																		

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
49	22	FLAP1C_TS_COS	0.024	0.002	-0.005	1.312	-0.004	-0.003	-0.001	0.035	0.012	-0.011	0.015	0.015	0.007	-0.010	-0.007	0.003
		FLAP1C_TS_SIN	0.000	0.000	0.000	0.682	0.002	0.000	-0.002	-0.008	0.030	-0.068	-0.001	-0.008	-0.008	-0.005	0.001	0.018
		FLAP2C_TS_COS	0.034	0.003	-0.006	1.310	-0.005	-0.003	-0.002	0.023	0.027	0.014	-0.002	0.012	-0.001	-0.012	-0.007	-0.012
		FLAP2C_TS_SIN	0.000	0.002	0.002	0.683	0.004	0.000	-0.001	-0.007	0.026	-0.081	0.026	-0.003	-0.004	-0.018	-0.006	0.013
		FLAP3C_TS_COS	-0.058	0.000	-0.006	1.306	-0.002	-0.001	0.000	0.025	0.015	-0.021	0.009	0.015	-0.002	-0.016	-0.004	0.018
		FLAP3C_TS_SIN	0.000	0.001	0.001	0.683	0.004	0.000	-0.002	-0.001	0.026	-0.067	0.003	-0.002	-0.009	-0.013	-0.011	0.007
		FLAP4C_TS_COS	-0.019	0.002	-0.010	1.315	-0.001	-0.004	-0.002	0.039	0.010	0.020	0.009	0.012	-0.008	-0.016	-0.012	-0.008
		FLAP4C_TS_SIN	0.000	0.001	-0.001	0.682	0.003	-0.001	-0.002	0.005	0.025	-0.085	0.013	0.005	0.001	-0.018	-0.007	0.006
49	23	FLAP5C_TS_COS	0.064	0.000	-0.006	1.313	-0.002	-0.003	-0.002	0.021	0.015	-0.039	0.017	0.014	0.002	-0.018	-0.016	0.007
		FLAP5C_TS_SIN	0.000	0.001	-0.002	0.683	0.000	0.000	-0.003	-0.001	0.028	-0.099	0.003	0.001	-0.003	-0.005	-0.001	0.015
		RUN	POINT	Harmonics														
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		FLAP1C_TS_COS	0.028	-0.001	0.004	1.476	-0.001	0.001	0.000	0.030	0.007	-0.084	0.032	0.019	0.018	0.006	0.009	-0.005
		FLAP1C_TS_SIN	0.000	-0.002	0.000	-0.052	-0.002	-0.001	0.002	-0.015	0.030	0.020	-0.006	-0.007	-0.004	-0.005	-0.016	-0.016
		FLAP2C_TS_COS	0.039	0.001	0.003	1.475	0.000	0.001	-0.002	0.034	0.011	-0.090	0.028	0.015	0.020	0.000	0.000	0.005
		FLAP2C_TS_SIN	0.000	0.000	0.003	-0.049	-0.001	0.002	0.000	0.001	0.020	0.006	0.026	0.009	0.003	-0.004	-0.019	-0.012
49	24	FLAP3C_TS_COS	-0.055	0.000	0.001	1.473	0.001	0.001	-0.002	0.037	0.013	-0.078	0.014	0.017	0.008	-0.006	0.000	-0.013
		FLAP3C_TS_SIN	0.000	-0.001	0.002	-0.050	0.001	0.000	0.000	-0.006	0.020	0.035	-0.003	-0.011	0.001	0.001	-0.015	-0.022
		FLAP4C_TS_COS	-0.013	0.000	0.000	1.480	0.002	0.001	0.002	0.060	-0.005	-0.090	0.026	0.019	0.012	-0.011	-0.001	0.006
		FLAP4C_TS_SIN	0.000	-0.001	0.000	-0.050	-0.001	0.000	0.001	0.004	0.027	-0.008	0.016	0.009	-0.002	-0.013	-0.017	-0.008
		FLAP5C_TS_COS	0.068	0.001	0.001	1.477	0.001	0.001	-0.002	0.026	0.015	-0.113	0.027	0.020	0.017	-0.001	-0.004	-0.002
		FLAP5C_TS_SIN	0.000	0.000	0.000	-0.052	-0.002	0.000	-0.001	-0.009	0.022	0.051	-0.001	-0.002	-0.006	-0.003	-0.011	-0.019

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
49	24	FLAP1C_TS_COS	0.025	0.000	-0.002	1.249	-0.002	0.000	-0.001	0.020	0.006	-0.003	0.001	0.005	0.029	0.022	0.006	-0.007
		FLAP1C_TS_SIN	0.000	0.000	-0.001	-0.790	0.002	0.000	0.000	-0.014	0.033	0.103	-0.007	0.008	0.002	0.005	-0.021	-0.010
		FLAP2C_TS_COS	0.035	0.000	-0.001	1.252	-0.001	-0.001	-0.001	0.025	-0.002	-0.016	-0.003	0.018	0.022	0.026	0.012	-0.015
		FLAP2C_TS_SIN	0.000	0.000	0.001	-0.787	0.003	0.001	0.001	-0.009	0.033	0.117	-0.007	0.014	0.018	0.012	-0.012	-0.021
		FLAP3C_TS_COS	-0.059	0.000	-0.001	1.247	0.001	0.001	-0.001	0.032	0.004	0.020	-0.004	0.001	0.019	0.022	0.000	-0.006
		FLAP3C_TS_SIN	0.000	0.001	0.002	-0.786	0.001	0.000	0.000	-0.018	0.029	0.097	0.001	0.004	0.008	0.009	-0.016	-0.004
		FLAP4C_TS_COS	-0.018	0.001	-0.005	1.254	0.000	-0.001	-0.001	0.049	-0.012	-0.026	0.006	0.029	0.020	0.013	0.008	-0.017
		FLAP4C_TS_SIN	0.000	0.000	0.001	-0.790	0.000	0.001	0.001	-0.018	0.051	0.113	-0.007	0.010	0.020	0.012	-0.026	-0.025
49	25	FLAP5C_TS_COS	0.065	0.000	-0.003	1.252	0.000	0.001	-0.002	0.020	0.003	0.025	-0.005	0.007	0.022	0.017	-0.002	-0.009
		FLAP5C_TS_SIN	0.000	0.001	-0.001	-0.790	-0.001	0.001	0.001	-0.005	0.023	0.135	-0.003	0.006	0.003	0.004	-0.016	-0.009
		RUN	POINT	Harmonics														
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		FLAP1C_TS_COS	0.027	0.000	0.002	0.683	-0.001	-0.001	0.000	0.028	0.017	0.070	-0.020	0.005	0.003	0.015	0.001	0.006
		FLAP1C_TS_SIN	0.000	0.000	-0.002	-1.309	0.002	0.000	0.000	0.005	0.025	-0.002	-0.018	0.014	0.016	0.023	0.006	-0.026
		FLAP2C_TS_COS	0.037	0.000	0.004	0.684	0.001	0.000	0.001	0.034	0.024	0.104	-0.032	0.001	0.015	0.018	0.005	0.017
		FLAP2C_TS_SIN	0.000	0.000	-0.001	-1.310	0.002	0.000	0.002	-0.019	0.028	0.015	-0.005	0.000	0.013	0.017	0.007	-0.002
49	26	FLAP3C_TS_COS	-0.057	0.000	0.003	0.684	0.002	0.000	0.000	0.029	0.020	0.080	-0.011	0.005	0.004	0.017	0.012	0.015
		FLAP3C_TS_SIN	0.000	0.000	0.002	-1.306	0.001	-0.001	0.000	-0.017	0.025	-0.018	-0.012	0.013	0.009	0.007	0.001	-0.025
		FLAP4C_TS_COS	-0.015	0.000	0.001	0.684	0.001	0.000	0.000	0.052	0.023	0.099	-0.029	0.002	0.019	0.027	0.001	0.011
		FLAP4C_TS_SIN	0.000	-0.001	0.002	-1.312	-0.001	0.001	0.001	-0.033	0.045	0.031	-0.007	0.003	0.018	0.016	0.004	0.001
		FLAP5C_TS_COS	0.066	0.001	0.001	0.685	-0.001	0.000	0.000	0.023	0.017	0.104	-0.015	0.002	0.009	0.015	0.004	0.017
		FLAP5C_TS_SIN	0.000	0.000	-0.001	-1.311	0.000	0.001	0.001	0.000	0.020	-0.033	-0.013	0.012	0.010	0.019	0.004	-0.025

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	26	0.031	-0.001	0.003	-0.062	-0.001	0.001	0.002	0.038	0.006	-0.016	-0.009	0.008	0.003	0.013	-0.007	-0.006
		0.000	-0.001	0.000	-1.475	-0.001	0.000	0.001	0.016	0.016	-0.067	-0.003	0.010	0.019	0.011	0.005	-0.003
		0.042	0.000	0.006	-0.059	0.003	0.003	0.003	0.031	0.029	0.013	-0.015	-0.004	0.002	0.013	0.001	0.002
		0.000	-0.001	-0.001	-1.476	-0.002	0.002	0.001	-0.012	0.011	-0.085	0.022	0.008	0.001	0.005	0.000	-0.015
		-0.054	0.000	0.004	-0.059	0.002	0.001	0.000	0.019	0.022	-0.018	-0.011	0.008	-0.003	0.002	0.004	0.002
		0.000	-0.001	0.002	-1.473	-0.003	-0.001	0.001	-0.010	-0.003	-0.073	0.004	0.010	0.007	0.000	-0.012	0.000
		-0.011	-0.001	0.004	-0.061	0.000	0.001	0.001	0.034	0.028	0.017	-0.023	0.006	0.004	0.003	-0.004	0.006
		0.000	0.000	0.002	-1.478	-0.005	0.000	0.000	-0.014	0.018	-0.090	0.008	0.000	0.006	0.010	-0.002	-0.026
		0.069	0.001	0.003	-0.061	0.000	0.002	0.001	0.011	0.013	-0.035	-0.011	0.010	0.006	0.015	-0.003	-0.006
		0.000	-0.001	0.001	-1.477	-0.002	0.000	0.002	0.011	0.001	-0.102	0.008	0.006	0.004	0.005	-0.002	-0.009
49	27	0.032	-0.001	-0.005	-0.790	-0.001	0.002	0.001	0.050	-0.006	-0.079	0.008	0.007	-0.002	0.011	-0.002	0.019
		0.000	0.001	0.000	-1.250	0.000	-0.001	0.000	0.013	0.020	0.021	-0.010	0.003	0.001	-0.003	0.011	0.006
		0.043	0.000	-0.004	-0.789	0.002	0.002	0.000	0.021	0.011	-0.094	0.018	0.005	-0.002	0.010	0.000	0.004
		0.000	0.002	-0.001	-1.253	-0.001	0.002	-0.001	-0.004	-0.005	0.002	0.015	0.017	0.000	-0.005	-0.001	0.021
		-0.053	0.001	0.000	-0.786	0.000	0.000	0.000	0.023	0.013	-0.070	0.007	0.005	0.000	0.001	-0.001	0.027
		0.000	0.001	0.000	-1.248	-0.003	0.001	0.001	-0.003	-0.006	0.029	0.002	0.002	0.003	-0.001	-0.003	-0.004
		-0.010	-0.001	-0.002	-0.793	-0.002	0.002	0.001	0.022	0.007	-0.096	0.013	-0.002	-0.002	0.013	-0.005	-0.003
		0.000	0.002	0.002	-1.253	-0.004	0.001	0.000	0.000	-0.001	-0.012	0.021	0.006	-0.003	0.004	0.005	0.017
		0.070	0.001	-0.004	-0.791	-0.002	0.002	0.001	0.029	0.004	-0.113	0.014	0.011	0.001	0.002	0.002	0.018
		0.000	0.001	0.002	-1.253	-0.001	0.000	0.000	0.008	0.003	0.042	0.005	0.000	0.001	-0.004	0.004	0.009

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
49	POINT 28	FLAP1C_TS_COS	0.029	-0.002	0.000	-0.796	0.003	0.002	0.000	0.044	-0.007	-0.078	0.011	0.010	0.000	0.009	-0.001	0.020
		FLAP1C_TS_SIN	0.000	0.000	-0.001	-1.246	-0.001	0.000	0.000	0.013	0.017	0.021	-0.011	0.005	0.001	-0.001	0.010	0.002
		FLAP2C_TS_COS	0.038	-0.001	0.002	-0.794	0.004	0.001	0.001	0.021	0.009	-0.093	0.016	0.005	-0.001	0.009	0.001	0.006
		FLAP2C_TS_SIN	0.000	-0.001	-0.002	-1.248	-0.001	0.000	-0.002	-0.004	-0.004	0.005	0.015	0.019	0.000	-0.004	0.000	0.021
		FLAP3C_TS_COS	-0.056	0.000	0.004	-0.791	0.002	0.001	-0.001	0.019	0.013	-0.068	0.008	0.006	0.001	0.001	-0.001	0.026
		FLAP3C_TS_SIN	0.000	0.000	0.000	-1.244	-0.003	0.000	0.001	-0.005	-0.009	0.030	0.002	0.003	0.004	0.001	-0.003	-0.005
		FLAP4C_TS_COS	-0.013	-0.001	0.002	-0.797	0.001	0.001	0.001	0.023	0.005	-0.097	0.012	0.000	-0.002	0.013	-0.005	-0.003
		FLAP4C_TS_SIN	0.000	0.000	0.001	-1.251	-0.004	0.002	-0.001	0.002	-0.002	-0.011	0.017	0.007	-0.005	0.005	0.003	0.016
		FLAP5C_TS_COS	0.067	0.000	0.001	-0.797	0.000	0.003	0.001	0.028	0.003	-0.111	0.015	0.012	0.000	0.000	0.002	0.018
49	POINT 29	0.000	0.000	0.001	-1.248	-0.001	0.000	0.000	0.007	0.003	0.043	0.005	0.002	0.002	-0.002	0.004	0.006	
49	POINT 29	FLAP1C_TS_COS	0.027	0.000	0.001	-1.306	0.003	0.002	0.000	0.032	-0.016	0.019	0.024	0.001	-0.003	-0.001	0.007	-0.005
		FLAP1C_TS_SIN	0.000	0.001	0.000	-0.690	0.001	0.000	-0.001	0.006	0.019	0.074	-0.010	-0.003	0.008	-0.015	0.002	-0.006
		FLAP2C_TS_COS	0.037	0.000	0.002	-1.305	0.003	0.001	0.000	0.002	-0.009	0.008	0.013	0.010	0.007	0.001	-0.007	0.006
		FLAP2C_TS_SIN	0.000	0.000	-0.001	-0.694	-0.002	0.000	-0.001	0.004	-0.003	0.097	-0.002	0.000	0.003	0.000	-0.004	-0.014
		FLAP3C_TS_COS	-0.057	0.000	0.004	-1.301	0.001	0.000	-0.001	0.015	-0.011	0.036	0.011	-0.005	0.001	-0.004	0.005	-0.013
		FLAP3C_TS_SIN	0.000	0.001	-0.001	-0.691	-0.002	0.000	0.001	0.007	0.003	0.067	-0.012	-0.005	-0.003	-0.005	-0.007	-0.006
		FLAP4C_TS_COS	-0.015	0.000	0.004	-1.309	0.000	0.001	-0.001	0.023	-0.017	-0.011	0.017	0.008	0.001	0.000	-0.006	0.016
		FLAP4C_TS_SIN	0.000	0.001	0.002	-0.695	-0.001	0.002	-0.002	0.007	0.010	0.099	-0.001	-0.001	0.009	-0.008	0.001	-0.012
		FLAP5C_TS_COS	0.065	0.001	0.002	-1.308	0.000	0.002	0.000	0.016	-0.011	0.044	0.023	0.008	0.006	-0.002	0.002	-0.006
49	POINT 29	FLAP5C_TS_SIN	0.000	0.000	0.002	-0.693	0.000	-0.001	-0.001	0.003	0.007	0.104	-0.010	-0.003	0.007	0.004	-0.003	-0.008

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	30																
	FLAP1C_TS_COS	0.032	0.000	0.001	-1.477	0.002	-0.001	0.000	0.038	0.001	0.087	0.013	0.009	0.013	-0.007	0.002	0.003
	FLAP1C_TS_SIN	0.000	0.000	0.000	0.062	-0.001	0.001	0.000	-0.015	0.016	-0.017	-0.008	0.020	0.002	-0.005	-0.009	0.005
	FLAP2C_TS_COS	0.042	-0.001	0.001	-1.477	0.002	0.000	0.001	0.017	-0.006	0.103	0.011	0.011	0.019	0.005	0.002	-0.016
	FLAP2C_TS_SIN	0.000	0.000	-0.002	0.060	-0.002	0.001	0.000	0.010	0.012	-0.015	-0.005	0.012	-0.001	-0.002	-0.007	0.013
	FLAP3C_TS_COS	-0.053	0.001	0.002	-1.473	0.000	0.000	0.000	0.027	-0.003	0.075	0.001	0.004	0.008	-0.002	-0.001	0.010
	FLAP3C_TS_SIN	0.000	0.000	-0.002	0.059	-0.002	0.001	0.001	-0.005	0.018	-0.038	-0.010	0.004	-0.003	0.002	-0.014	0.021
	FLAP4C_TS_COS	-0.011	-0.001	0.003	-1.482	-0.001	0.001	0.000	0.043	-0.005	0.099	0.020	0.014	0.022	-0.015	0.001	-0.020
	FLAP4C_TS_SIN	0.000	0.001	0.000	0.062	-0.001	0.000	-0.001	-0.003	0.024	-0.001	-0.009	0.011	0.003	-0.004	-0.012	0.003
	FLAP5C_TS_COS	0.070	0.000	0.002	-1.479	0.001	-0.001	0.000	0.028	0.000	0.104	0.010	0.010	0.018	-0.008	0.001	0.003
	FLAP5C_TS_SIN	0.000	-0.001	0.001	0.061	0.001	-0.001	-0.001	-0.007	0.019	-0.045	-0.013	0.011	-0.002	-0.001	-0.011	0.015
RUN	POINT	Harmonics															
49	31																
	FLAP1C_TS_COS	0.031	0.000	-0.002	-1.247	0.001	0.000	-0.001	0.043	0.002	-0.016	0.006	0.009	0.011	0.003	-0.001	-0.007
	FLAP1C_TS_SIN	0.000	0.001	0.001	0.792	0.000	0.001	0.002	-0.021	0.012	-0.091	0.009	0.011	0.001	0.009	-0.002	-0.016
	FLAP2C_TS_COS	0.040	0.000	-0.003	-1.248	-0.002	0.001	0.000	0.043	-0.004	-0.013	-0.007	0.010	0.011	0.004	0.000	0.007
	FLAP2C_TS_SIN	0.000	0.001	0.000	0.792	-0.002	0.000	0.001	0.005	0.021	-0.111	0.009	0.016	-0.002	0.004	-0.014	-0.005
	FLAP3C_TS_COS	-0.054	0.001	-0.001	-1.245	-0.002	0.001	-0.001	0.043	0.008	-0.043	-0.006	0.006	0.012	0.009	-0.002	0.000
	FLAP3C_TS_SIN	0.000	0.000	-0.002	0.788	-0.001	0.001	0.002	-0.023	0.017	-0.088	0.003	0.008	-0.001	0.007	-0.005	-0.026
	FLAP4C_TS_COS	-0.012	0.000	0.000	-1.250	-0.002	0.001	-0.001	0.053	0.001	-0.002	-0.001	0.013	0.020	-0.001	-0.004	0.002
	FLAP4C_TS_SIN	0.000	0.002	0.000	0.795	0.002	-0.001	0.000	-0.027	0.022	-0.111	0.007	0.008	-0.010	0.014	-0.012	0.003
	FLAP5C_TS_COS	0.069	0.000	0.001	-1.250	0.001	0.000	-0.001	0.041	-0.002	-0.054	0.000	0.009	0.003	0.002	-0.001	0.000
	FLAP5C TS SIN	0.000	-0.001	0.002	0.792	0.002	-0.001	0.000	-0.020	0.014	-0.114	0.010	0.011	-0.004	0.016	-0.009	-0.024

RUN	POINT	Harmonics																		
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
49	32	FLAP1C_TS_COS	0.028	0.001	0.000	-0.687	0.003	0.001	0.001	0.041	0.002	-0.092	0.021	0.005	0.006	0.014	-0.002	-0.010		
		FLAP1C_TS_SIN	0.000	-0.001	0.001	1.309	-0.002	0.001	0.002	-0.031	0.021	0.013	-0.003	0.016	0.009	0.021	0.011	0.005		
		FLAP2C_TS_COS	0.036	0.000	-0.001	-0.688	0.001	0.000	0.000	0.050	-0.006	-0.121	0.001	0.011	0.010	0.018	-0.004	-0.014		
		FLAP2C_TS_SIN	0.000	-0.001	0.000	1.309	-0.002	0.000	0.001	-0.033	0.023	0.005	0.010	0.011	0.013	0.018	0.001	-0.014		
		FLAP3C_TS_COS	-0.056	0.000	-0.001	-0.687	0.000	0.001	0.001	0.037	-0.003	-0.101	-0.002	0.017	0.009	0.020	-0.002	-0.015		
		FLAP3C_TS_SIN	0.000	-0.001	-0.002	1.304	0.000	0.000	0.001	-0.046	0.016	0.030	-0.001	0.008	0.004	0.006	0.003	0.000		
		FLAP4C_TS_COS	-0.016	0.000	0.001	-0.689	0.000	0.000	0.000	0.046	0.004	-0.123	0.012	0.006	0.015	0.024	-0.001	-0.012		
		FLAP4C_TS_SIN	0.000	-0.001	-0.002	1.312	0.001	-0.001	0.000	-0.054	0.015	-0.008	0.009	0.018	0.004	0.021	0.001	-0.021		
49	33	FLAP5C_TS_COS	0.066	0.000	0.001	-0.689	0.002	-0.002	0.001	0.040	-0.009	-0.127	0.011	0.014	0.007	0.025	-0.007	-0.016		
		FLAP5C_TS_SIN	0.000	-0.003	0.001	1.310	0.001	0.000	0.001	-0.034	0.016	0.045	0.003	0.017	0.014	0.019	-0.002	0.000		
		POINT	Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
				FLAP1C_TS_COS	0.026	0.000	0.001	0.066	0.002	-0.001	0.002	0.032	-0.009	0.009	0.022	-0.005	0.006	0.016	-0.007	0.013
				FLAP1C_TS_SIN	0.000	0.001	0.001	1.475	0.000	0.000	0.001	-0.033	0.028	0.089	-0.012	0.006	0.011	0.006	0.014	-0.008
				FLAP2C_TS_COS	0.034	0.000	0.000	0.063	0.000	-0.002	0.000	0.035	-0.005	-0.017	0.008	-0.010	0.013	0.021	-0.006	0.003
				FLAP2C_TS_SIN	0.000	0.001	0.000	1.476	0.000	0.000	0.000	-0.042	0.036	0.119	0.003	-0.007	0.002	0.000	0.013	0.012
				FLAP3C_TS_COS	-0.058	0.000	-0.001	0.064	0.000	-0.001	0.001	0.016	-0.013	0.016	0.009	-0.006	0.004	0.015	0.001	0.017
FLAP3C_TS_SIN	0.000			0.001	-0.002	1.472	0.002	0.002	0.001	-0.045	0.026	0.087	0.007	-0.009	0.005	-0.010	0.010	-0.006		
FLAP4C_TS_COS	-0.018			-0.001	0.000	0.065	0.002	-0.001	0.001	0.017	-0.012	-0.023	0.026	0.000	0.012	0.016	-0.004	0.000		
49	POINT	Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
			FLAP4C_TS_SIN	0.000	0.001	-0.003	1.479	0.003	0.000	0.000	-0.038	0.017	0.113	-0.004	0.000	0.008	0.003	0.015	0.013	0.013
49	POINT	Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
			FLAP5C_TS_COS	0.064	-0.001	0.002	0.065	0.004	-0.002	0.003	0.026	-0.021	0.033	0.029	-0.003	0.006	0.010	-0.005	0.014	0.014
49	POINT	Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
			FLAP5C_TS_SIN	0.000	0.000	-0.002	1.478	0.002	0.001	0.000	-0.026	0.033	0.119	-0.004	0.004	0.011	-0.005	0.018	-0.003	-0.003

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	34	0.030	-0.001	0.002	0.002	0.076	0.003	0.001	0.028	-0.021	-0.005	-0.004	-0.003	-0.002	0.033	-0.009	0.005
		FLAP1C_TS_COS															
		0.000	0.001	-0.001	0.001	1.478	-0.002	0.000	0.000	0.037	0.027	-0.018	0.009	0.110	0.000	-0.011	0.006
		FLAP1C_TS_SIN															
		0.041	-0.001	0.000	-0.001	0.074	-0.001	0.000	0.019	-0.022	-0.009	-0.011	-0.007	-0.037	0.018	0.008	0.004
		FLAP2C_TS_COS															
		0.000	0.002	0.000	0.002	1.480	-0.001	-0.001	-0.034	0.021	0.037	0.005	0.031	0.128	-0.017	-0.014	-0.007
		FLAP2C_TS_SIN															
49	35	-0.054	0.000	0.002	-0.001	0.072	-0.001	0.001	0.033	-0.024	-0.010	-0.018	-0.005	0.009	0.015	-0.001	0.011
		FLAP3C_TS_COS															
		0.000	0.001	-0.001	-0.001	1.476	0.001	0.000	-0.009	0.034	0.020	0.000	0.024	0.114	-0.013	-0.025	-0.011
		FLAP3C_TS_SIN															
		-0.013	0.000	0.001	0.001	0.075	0.001	0.001	0.051	-0.042	-0.016	-0.008	0.002	-0.048	0.016	0.001	0.009
		FLAP4C_TS_COS															
		0.000	0.002	0.002	-0.003	1.482	0.003	-0.001	-0.018	0.057	0.025	0.010	0.024	0.118	-0.019	-0.020	0.001
		FLAP4C_TS_SIN															
49	35	0.070	0.000	0.001	0.002	0.075	0.002	0.000	0.015	-0.033	-0.014	-0.013	-0.003	0.015	0.020	-0.008	0.007
		FLAP5C_TS_COS															
		0.000	0.002	-0.001	-0.001	1.481	0.001	0.000	-0.005	0.048	0.021	-0.004	0.016	0.150	-0.002	-0.016	0.000
		FLAP5C_TS_SIN															
		0.025	-0.001	0.002	0.002	0.808	-0.001	0.001	0.018	0.022	-0.001	-0.004	0.011	0.104	0.015	0.007	0.018
		FLAP1C_TS_COS															
		0.000	-0.002	-0.001	0.002	1.242	-0.003	0.001	0.005	0.052	0.013	-0.016	0.014	0.020	-0.010	0.018	-0.001
		FLAP1C_TS_SIN															
49	35	0.034	-0.002	0.000	-0.002	0.807	-0.003	0.000	0.002	0.015	0.011	-0.007	0.017	0.120	-0.006	0.007	0.008
		FLAP2C_TS_COS															
		0.000	0.000	0.001	0.002	1.243	-0.001	0.001	-0.020	0.047	0.017	0.003	0.022	0.050	0.001	-0.008	-0.002
		FLAP2C_TS_SIN															
		-0.059	0.000	0.000	-0.003	0.803	-0.001	0.000	0.025	0.016	-0.008	-0.017	0.011	0.112	0.009	0.005	0.009
		FLAP3C_TS_COS															
		0.000	-0.001	0.000	0.000	1.241	0.002	0.001	-0.002	0.057	0.019	0.007	0.022	-0.004	-0.009	-0.006	-0.010
		FLAP3C_TS_SIN															
49	35	-0.018	-0.001	0.001	-0.001	0.809	0.001	0.000	0.039	0.022	-0.012	-0.001	0.013	0.106	-0.002	0.002	0.018
		FLAP4C_TS_COS															
		0.000	0.000	0.001	-0.001	1.246	0.002	-0.001	-0.015	0.075	0.008	0.008	0.023	0.070	-0.005	-0.004	-0.008
		FLAP4C_TS_SIN															
		0.063	0.000	-0.001	0.000	0.807	0.001	0.001	0.013	0.030	-0.005	-0.009	0.010	0.144	0.012	-0.001	0.013
		FLAP5C_TS_COS															
		0.000	0.000	0.000	0.000	1.246	-0.001	0.001	0.007	0.060	0.009	-0.002	0.017	0.004	0.001	0.012	-0.004
		FLAP5C_TS_SIN															

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	36	0.029	0.000	0.000	0.002	1.323	-0.003	0.001	0.012	0.039	0.000	-0.004	0.014	0.024	0.004	0.023	0.012
		0.000	0.000	-0.001	0.000	0.670	-0.002	0.000	0.007	0.031	0.015	-0.013	-0.003	-0.100	0.018	0.022	0.000
		0.038	0.001	0.000	0.000	1.324	-0.002	0.000	-0.002	0.045	0.004	0.002	0.020	0.053	0.003	-0.004	0.007
		0.000	0.001	0.000	0.003	0.672	0.001	0.001	-0.003	0.045	0.010	0.002	-0.002	-0.107	0.033	0.020	-0.001
		-0.056	0.001	-0.002	-0.003	1.318	0.000	0.000	0.018	0.048	-0.005	-0.005	0.017	-0.005	0.002	0.012	0.008
		0.000	0.000	-0.001	0.002	0.672	0.002	-0.001	-0.005	0.038	0.032	0.005	0.001	-0.104	0.016	0.010	-0.001
		-0.015	0.000	0.000	-0.003	1.325	0.001	0.000	0.028	0.064	-0.014	0.008	0.017	0.063	-0.004	-0.003	0.012
		0.000	0.000	-0.001	-0.001	0.672	-0.001	-0.002	-0.005	0.051	0.021	-0.002	-0.008	-0.094	0.024	0.019	-0.014
		0.067	0.002	-0.001	0.000	1.324	0.000	0.001	0.011	0.060	-0.009	0.004	0.012	0.003	-0.004	0.020	0.009
		0.000	0.000	-0.001	-0.002	0.672	-0.002	0.001	0.005	0.024	0.016	-0.011	0.003	-0.126	0.023	0.019	-0.006
49	37		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		0.031	-0.001	0.001	0.002	1.479	-0.002	0.000	0.017	0.021	0.005	-0.002	0.007	-0.092	0.008	0.002	0.000
		0.000	-0.001	-0.001	0.000	-0.088	-0.002	0.000	0.006	0.009	0.011	-0.025	-0.014	-0.018	0.017	0.006	-0.001
		0.041	0.001	0.003	0.001	1.481	-0.003	-0.001	0.010	0.049	0.008	0.008	0.010	-0.100	0.016	0.006	-0.011
		0.000	0.001	0.000	0.003	-0.083	0.001	0.001	-0.002	0.008	0.019	-0.013	-0.015	-0.044	0.019	0.021	0.007
		-0.054	0.000	0.000	-0.001	1.476	0.001	0.000	0.009	0.039	0.015	0.007	0.009	-0.101	0.005	0.004	0.004
		0.000	-0.001	0.000	0.003	-0.084	0.002	0.000	-0.007	0.002	0.025	-0.010	-0.018	0.006	0.017	0.009	0.003
		-0.012	0.000	0.002	-0.003	1.484	0.003	0.000	0.019	0.048	0.012	0.013	0.003	-0.089	0.011	0.004	-0.006
		0.000	0.001	0.000	-0.001	-0.086	0.000	0.000	0.002	-0.003	0.028	-0.023	-0.018	-0.059	0.024	0.025	0.004
		0.069	0.001	0.001	-0.002	1.481	0.002	0.001	0.013	0.028	-0.001	0.010	0.008	-0.124	0.001	0.009	-0.004
		0.000	-0.001	0.000	-0.002	-0.087	-0.003	0.002	0.006	-0.013	0.020	-0.028	-0.013	0.004	0.029	0.005	0.003

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
49	38	FLAP1C_TS_COS	0.026	-0.001	-0.004	0.002	1.243	-0.003	-0.002	0.036	-0.010	0.001	0.001	0.005	-0.003	0.002	-0.021	-0.016
		FLAP1C_TS_SIN	0.000	0.001	-0.001	-0.004	-0.804	0.001	0.001	0.021	0.021	0.005	-0.005	-0.007	0.084	-0.014	-0.003	0.000
		FLAP2C_TS_COS	0.036	0.000	-0.003	0.004	1.246	-0.001	-0.002	0.024	0.004	0.018	0.003	0.007	-0.027	0.014	-0.004	-0.013
		FLAP2C_TS_SIN	0.000	0.001	-0.001	-0.002	-0.801	0.002	0.003	0.013	0.002	0.021	0.002	-0.001	0.094	-0.019	-0.013	0.016
		FLAP3C_TS_COS	-0.057	-0.001	-0.004	0.001	1.242	0.003	-0.001	0.015	-0.001	0.024	0.004	-0.002	0.013	0.005	-0.008	0.000
		FLAP3C_TS_SIN	0.000	0.000	-0.001	0.001	-0.800	0.001	0.001	-0.002	-0.003	0.007	0.000	-0.008	0.095	-0.007	-0.007	0.008
		FLAP4C_TS_COS	-0.017	0.000	-0.003	-0.001	1.248	0.003	-0.002	0.027	-0.014	0.022	0.006	0.001	-0.041	0.013	-0.004	-0.015
		FLAP4C_TS_SIN	0.000	0.003	-0.001	-0.001	-0.804	-0.001	0.002	0.023	-0.005	0.016	-0.003	-0.003	0.081	-0.019	-0.008	0.006
49	39	FLAP5C_TS_COS	0.065	0.000	-0.003	-0.001	1.246	-0.001	0.000	0.027	-0.026	0.015	0.001	0.014	0.012	0.010	-0.022	-0.011
		FLAP5C_TS_SIN	0.000	0.000	0.000	-0.004	-0.804	-0.001	0.002	0.013	0.006	0.019	-0.020	-0.006	0.119	-0.005	-0.009	0.009
		RUN	POINT	Harmonics														
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		FLAP1C_TS_COS	0.025	0.000	-0.002	0.001	0.667	-0.002	-0.001	0.046	-0.027	-0.006	0.005	0.012	0.106	-0.001	-0.018	-0.008
		FLAP1C_TS_SIN	0.000	0.000	0.000	-0.002	-1.321	0.001	0.000	0.023	0.030	0.018	0.008	0.021	0.014	-0.012	0.004	0.001
		FLAP2C_TS_COS	0.036	0.001	0.000	0.003	0.670	0.001	-0.001	0.038	-0.031	0.006	-0.007	0.012	0.122	-0.002	-0.022	0.003
		FLAP2C_TS_SIN	0.000	0.000	0.000	-0.001	-1.321	0.002	-0.001	0.012	0.015	0.017	0.028	0.013	0.047	-0.017	-0.018	-0.013
49	40	FLAP3C_TS_COS	-0.057	-0.001	-0.002	0.002	0.669	0.003	-0.001	0.021	-0.026	0.013	0.008	0.003	0.110	0.001	-0.014	0.008
		FLAP3C_TS_SIN	0.000	0.000	0.000	0.002	-1.318	0.001	-0.001	0.001	0.011	-0.006	0.016	0.013	-0.007	-0.014	-0.007	0.001
		FLAP4C_TS_COS	-0.016	0.000	-0.002	-0.001	0.670	0.002	-0.002	0.054	-0.050	-0.002	0.003	0.010	0.118	-0.004	-0.020	-0.006
		FLAP4C_TS_SIN	0.000	0.000	0.001	0.003	-1.325	-0.002	0.000	0.025	0.026	0.003	0.017	0.015	0.056	-0.018	-0.013	0.000
		FLAP5C_TS_COS	0.065	0.000	-0.001	-0.001	0.669	-0.001	0.000	0.041	-0.041	0.011	-0.003	0.010	0.137	-0.002	-0.018	0.003
		FLAP5C_TS_SIN	0.000	-0.001	0.000	-0.001	-1.324	-0.001	0.001	0.004	0.036	0.014	0.009	0.006	-0.008	-0.014	-0.003	0.000

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.026	-0.001	-0.002	0.000	-0.083	-0.001	0.000	0.051	-0.035	-0.011	0.013	0.009	0.010	0.003	0.008	0.004		
FLAP1C	TS_SIN	0.000	0.001	0.000	-0.002	-1.477	0.002	0.001	-0.007	0.047	0.016	0.008	0.013	-0.083	-0.001	-0.009	-0.005		
FLAP2C	TS_COS	0.036	0.001	-0.001	0.002	-0.082	0.002	0.001	0.024	-0.048	-0.001	0.015	-0.010	0.036	0.001	0.005	-0.006		
FLAP2C	TS_SIN	0.000	0.000	-0.001	-0.001	-1.479	0.000	0.001	-0.020	0.031	-0.002	0.027	0.010	-0.096	0.002	-0.001	-0.018		
FLAP3C	TS_COS	-0.057	-0.001	-0.001	0.002	-0.079	0.001	0.000	0.031	-0.035	-0.012	0.017	0.007	-0.008	-0.003	-0.005	0.004		
FLAP3C	TS_SIN	0.000	0.000	-0.001	0.001	-1.475	-0.002	0.000	-0.015	0.041	-0.007	0.008	0.009	-0.093	-0.003	-0.011	-0.021		
FLAP4C	TS_COS	-0.016	0.000	-0.002	0.001	-0.083	-0.001	-0.001	0.056	-0.045	-0.015	0.020	-0.004	0.053	-0.002	0.006	0.004		
FLAP4C	TS_SIN	0.000	0.000	-0.001	0.002	-1.482	-0.003	0.001	-0.014	0.061	0.003	0.022	0.018	-0.095	0.002	-0.010	-0.003		
FLAP5C	TS_COS	0.065	0.000	-0.001	-0.001	-0.081	-0.002	0.001	0.034	-0.049	-0.002	0.011	0.011	-0.013	-0.003	-0.002	0.007		
FLAP5C	TS_SIN	0.000	-0.001	0.000	0.000	-1.481	0.000	0.001	-0.016	0.055	-0.003	0.007	0.015	-0.117	-0.003	-0.010	-0.015		
RUN	POINT	Harmonics																	
49	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.028	0.000	-0.005	-0.002	-0.803	0.001	0.000	0.059	0.003	-0.005	0.007	-0.018	-0.103	0.018	0.015	0.004		
FLAP1C	TS_SIN	0.000	0.002	0.001	-0.003	-1.244	0.002	0.001	-0.026	0.063	0.004	-0.007	-0.003	0.004	0.018	-0.012	-0.021		
FLAP2C	TS_COS	0.038	0.001	-0.004	0.001	-0.801	0.002	0.001	0.026	-0.023	-0.010	0.020	-0.008	-0.114	0.013	0.013	0.002		
FLAP2C	TS_SIN	0.000	0.001	-0.001	-0.004	-1.247	0.000	0.001	-0.011	0.060	-0.016	-0.011	0.014	-0.018	0.024	-0.010	-0.014		
FLAP3C	TS_COS	-0.055	-0.001	-0.003	0.002	-0.799	0.001	-0.001	0.038	0.004	-0.017	0.009	-0.011	-0.116	0.006	0.018	-0.005		
FLAP3C	TS_SIN	0.000	0.001	0.001	-0.001	-1.244	-0.002	0.000	-0.027	0.059	-0.003	-0.013	0.004	0.026	0.021	-0.011	-0.021		
FLAP4C	TS_COS	-0.015	0.001	-0.006	0.001	-0.804	-0.001	0.000	0.064	0.001	-0.019	0.016	-0.001	-0.104	0.011	0.012	0.008		
FLAP4C	TS_SIN	0.000	0.002	-0.001	0.001	-1.250	-0.004	0.000	-0.024	0.077	-0.007	-0.008	0.008	-0.031	0.023	-0.014	-0.026		
FLAP5C	TS_COS	0.067	-0.001	-0.003	-0.001	-0.803	-0.001	0.000	0.045	0.008	-0.009	0.008	-0.007	-0.131	0.012	0.018	0.005		
FLAP5C	TS_SIN	0.000	0.000	0.000	0.000	-1.247	-0.001	0.000	-0.022	0.065	-0.017	-0.012	-0.006	0.028	0.018	-0.009	-0.024		

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
49	42	FLAP1C_TS_COS	0.028	0.001	0.000	-0.002	-1.326	0.001	0.001	0.049	0.047	0.003	0.009	-0.024	-0.011	0.015	0.001	-0.015
		FLAP1C_TS_SIN	0.000	0.001	0.000	0.000	-0.660	0.000	0.000	-0.032	0.037	-0.004	-0.025	0.000	0.104	0.007	0.009	-0.004
		FLAP2C_TS_COS	0.039	0.001	0.000	0.000	-1.325	0.002	0.001	0.035	0.036	-0.006	-0.004	-0.005	-0.028	0.016	0.009	-0.003
		FLAP2C_TS_SIN	0.000	0.000	-0.001	-0.002	-0.664	-0.002	0.000	-0.012	0.054	-0.005	-0.026	-0.003	0.118	0.006	0.007	-0.002
		FLAP3C_TS_COS	-0.056	0.000	0.000	0.002	-1.322	0.000	0.000	0.036	0.046	-0.005	-0.002	-0.014	0.005	0.017	0.013	-0.003
		FLAP3C_TS_SIN	0.000	0.001	0.000	-0.001	-0.663	-0.003	0.001	-0.023	0.040	0.004	-0.027	0.001	0.119	0.008	-0.008	-0.005
		FLAP4C_TS_COS	-0.015	0.002	-0.001	0.001	-1.329	-0.002	0.002	0.062	0.060	-0.015	0.002	-0.009	-0.042	0.013	0.004	-0.012
		FLAP4C_TS_SIN	0.000	0.000	0.000	0.003	-0.664	-0.002	0.000	-0.038	0.051	0.010	-0.026	-0.005	0.113	0.011	0.004	-0.011
49	43	FLAP5C_TS_COS	0.067	0.000	0.002	0.000	-1.326	0.000	0.001	0.040	0.055	-0.006	0.010	-0.019	0.022	0.020	0.017	-0.013
		FLAP5C_TS_SIN	0.000	0.000	-0.001	0.002	-0.663	0.001	0.000	-0.023	0.041	-0.006	-0.025	-0.004	0.140	0.007	0.002	-0.003
		RUN	POINT	Harmonics														
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		FLAP1C_TS_COS	0.028	0.001	-0.001	-0.002	-1.480	0.003	0.001	0.040	0.037	0.003	0.010	0.006	0.105	-0.014	-0.003	-0.019
		FLAP1C_TS_SIN	0.000	0.000	0.001	0.001	0.078	0.001	0.000	-0.031	-0.002	-0.022	-0.012	0.008	0.008	0.003	0.021	0.002
		FLAP2C_TS_COS	0.038	0.000	-0.002	-0.002	-1.481	0.002	0.002	0.049	0.055	0.007	-0.002	0.014	0.127	-0.002	0.006	-0.014
		FLAP2C_TS_SIN	0.000	-0.001	-0.001	0.000	0.075	-0.002	-0.001	-0.019	0.013	-0.010	-0.005	-0.002	0.030	-0.001	0.018	0.001
49	43	FLAP3C_TS_COS	-0.056	0.000	-0.001	0.001	-1.477	-0.001	0.001	0.026	0.039	0.004	0.001	0.013	0.114	-0.002	0.001	-0.006
		FLAP3C_TS_SIN	0.000	0.001	0.000	-0.002	0.074	-0.002	0.000	-0.024	-0.008	-0.012	-0.019	-0.005	-0.012	-0.004	0.016	0.004
		FLAP4C_TS_COS	-0.015	0.001	-0.002	0.003	-1.484	-0.002	0.001	0.042	0.053	0.015	0.005	0.009	0.117	0.000	-0.002	-0.013
		FLAP4C_TS_SIN	0.000	0.000	0.000	0.001	0.076	0.000	0.001	-0.039	-0.010	0.004	-0.009	0.003	0.043	-0.001	0.018	0.004
		FLAP5C_TS_COS	0.066	0.000	0.000	0.001	-1.482	0.000	0.002	0.038	0.037	0.001	0.016	0.007	0.149	-0.011	0.000	-0.015
		FLAP5C_TS_SIN	0.000	0.000	-0.001	0.003	0.077	0.002	-0.001	-0.011	-0.013	-0.014	-0.016	0.012	-0.013	-0.001	0.016	0.006

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
49	45	FLAP1C_TS_COS	0.027	0.000	-0.003	0.001	-0.668	0.002	0.000	0.023	-0.024	-0.021	0.026	0.025	-0.081	0.016	-0.009	-0.002
		FLAP1C_TS_SIN	0.000	-0.001	0.000	0.002	1.323	-0.001	0.000	-0.013	0.011	0.030	0.001	0.007	0.004	0.016	-0.013	-0.001
		FLAP2C_TS_COS	0.036	-0.001	-0.004	-0.002	-0.670	0.000	0.000	0.042	-0.014	-0.025	0.006	0.011	-0.098	0.028	-0.002	0.005
		FLAP2C_TS_SIN	0.000	0.000	0.001	0.000	1.322	-0.002	-0.001	-0.039	-0.003	0.031	0.030	0.017	-0.028	0.001	-0.009	0.006
		FLAP3C_TS_COS	-0.057	0.001	-0.002	-0.001	-0.670	-0.002	-0.001	0.018	-0.028	-0.010	0.010	0.008	-0.100	0.010	0.003	0.013
		FLAP3C_TS_SIN	0.000	0.001	0.000	-0.002	1.318	0.000	-0.001	-0.019	0.001	0.011	0.006	0.005	0.009	-0.003	-0.018	0.002
		FLAP4C_TS_COS	-0.017	0.000	-0.003	0.002	-0.670	0.000	0.000	0.035	-0.052	-0.020	0.020	0.019	-0.097	0.016	-0.007	-0.001
		FLAP4C_TS_SIN	0.000	0.000	0.001	-0.002	1.326	0.003	-0.001	-0.012	0.006	0.012	0.022	0.011	-0.042	0.000	-0.016	0.003
49	46	FLAP5C_TS_COS	0.065	-0.001	-0.003	0.002	-0.670	0.002	-0.001	0.030	-0.042	-0.019	0.014	0.026	-0.123	0.012	-0.006	0.005
		FLAP5C_TS_SIN	0.000	0.001	-0.001	0.000	1.324	0.002	-0.001	-0.016	0.011	0.025	0.013	0.008	0.021	0.007	-0.015	-0.003
		RUN	POINT	Harmonics														
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		FLAP1C_TS_COS	0.024	0.000	0.002	0.001	0.090	0.001	0.001	0.022	-0.018	-0.003	-0.002	-0.001	0.000	0.032	-0.010	0.003
		FLAP1C_TS_SIN	0.000	-0.002	-0.001	0.003	1.477	-0.002	0.000	-0.002	0.036	0.028	-0.015	0.011	0.111	-0.002	-0.007	0.007
		FLAP2C_TS_COS	0.033	-0.001	0.000	-0.002	0.087	-0.002	0.000	0.021	-0.017	-0.005	-0.011	-0.003	-0.034	0.017	0.006	0.006
		FLAP2C_TS_SIN	0.000	0.000	0.000	0.002	1.478	-0.001	-0.002	-0.039	0.023	0.039	0.009	0.033	0.130	-0.018	-0.011	-0.006
49	46	FLAP3C_TS_COS	-0.060	0.001	0.001	-0.001	0.087	-0.002	0.000	0.029	-0.023	-0.010	-0.016	-0.002	0.010	0.012	-0.004	0.008
		FLAP3C_TS_SIN	0.000	-0.001	0.000	0.000	1.475	0.002	0.001	-0.012	0.036	0.020	0.002	0.024	0.116	-0.014	-0.023	-0.010
		FLAP4C_TS_COS	-0.019	0.000	0.001	0.000	0.088	0.001	0.000	0.044	-0.039	-0.016	-0.004	0.004	-0.048	0.014	-0.003	0.008
		FLAP4C_TS_SIN	0.000	-0.001	0.002	-0.002	1.481	0.004	-0.001	-0.020	0.056	0.023	0.010	0.021	0.117	-0.021	-0.016	0.001
		FLAP5C_TS_COS	0.063	0.001	0.001	0.002	0.089	0.002	-0.001	0.012	-0.032	-0.012	-0.012	0.002	0.020	0.017	-0.008	0.006
		FLAP5C_TS_SIN	0.000	0.000	-0.001	0.001	1.480	0.001	-0.001	-0.006	0.049	0.020	-0.002	0.017	0.150	-0.003	-0.014	0.000

RUN	POINT	Harmonics																	
		49	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.029	-0.001	-0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.010	0.004	-0.001	0.001	0.002	0.002	0.002	-0.001	-0.003
FLAP1C	TS_SIN	0.000	-0.002	-0.001	0.000	-0.001	0.000	-0.001	0.000	0.001	0.004	0.008	0.003	-0.003	0.000	0.001	0.001	0.001	-0.002
FLAP2C	TS_COS	0.039	0.000	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.007	0.004	-0.002	-0.004	-0.001	0.003	0.003	0.000	0.000
FLAP2C	TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.009	0.008	0.003	0.000	0.000	0.001	-0.001	-0.001
FLAP3C	TS_COS	-0.055	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.008	0.002	0.000	0.000	0.002	0.002	0.001	0.000	0.000
FLAP3C	TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	0.000	0.002	0.006	0.002	0.000	0.000	0.001	-0.001	-0.003	-0.002
FLAP4C	TS_COS	-0.015	0.000	-0.001	0.000	0.000	0.002	0.000	0.001	0.003	0.003	0.002	-0.001	0.002	0.002	0.003	0.000	-0.001	-0.002
FLAP4C	TS_SIN	0.000	0.000	-0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.002	0.007	0.003	0.004	0.001	0.001	-0.001	-0.002	-0.002
FLAP5C	TS_COS	0.067	0.000	0.000	-0.001	0.000	0.003	-0.001	0.000	0.000	0.000	-0.002	-0.002	0.000	0.001	0.001	0.000	-0.001	-0.001
FLAP5C	TS_SIN	0.000	-0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.003	0.003	0.003	0.001	0.000	0.001	0.001	0.001	0.000	-0.001
RUN	POINT	Harmonics																	
49	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.026	0.001	0.001	0.001	0.004	0.827	-0.001	0.098	-0.026	0.013	-0.009	0.026	0.022	0.009	0.000	0.000	0.089	
FLAP1C	TS_SIN	0.000	-0.002	-0.001	0.000	0.003	1.242	-0.001	0.011	0.001	-0.002	-0.009	0.002	-0.009	-0.008	0.017	0.033	0.033	
FLAP2C	TS_COS	0.034	0.001	0.001	0.000	0.000	0.822	-0.002	0.099	-0.016	0.002	-0.020	0.010	0.036	0.008	0.019	0.080	0.080	
FLAP2C	TS_SIN	0.000	0.000	0.001	0.001	0.004	1.245	0.000	0.023	-0.001	-0.005	0.018	0.007	0.010	-0.004	0.015	0.070	0.070	
FLAP3C	TS_COS	-0.058	0.000	0.001	-0.001	-0.002	0.823	-0.002	0.092	-0.013	0.015	-0.006	0.000	0.025	0.003	0.009	0.097	0.097	
FLAP3C	TS_SIN	0.000	0.000	-0.001	0.000	0.000	1.242	0.003	-0.005	-0.006	0.001	0.007	0.004	-0.003	-0.006	0.013	0.019	0.019	
FLAP4C	TS_COS	-0.017	0.001	-0.001	0.000	0.000	0.828	0.002	0.104	-0.026	0.013	-0.006	0.003	0.033	0.006	0.013	0.064	0.064	
FLAP4C	TS_SIN	0.000	0.000	0.000	0.001	-0.002	1.246	0.002	0.018	0.004	-0.002	0.032	0.003	0.003	-0.012	0.019	0.080	0.080	
FLAP5C	TS_COS	0.064	0.001	0.002	-0.002	0.003	0.828	0.003	0.075	-0.017	-0.008	-0.005	0.020	0.031	0.003	0.008	0.116	0.116	
FLAP5C	TS_SIN	0.000	-0.001	0.001	0.000	-0.001	1.244	0.000	0.017	0.011	-0.004	0.031	0.008	0.017	-0.003	0.021	0.016	0.016	

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.028	0.000	-0.004	0.001	0.017	-0.866	0.004	0.021	-0.023	-0.011	0.006	-0.001	-0.021	0.001	-0.002	-0.098
FLAP1C	TS_SIN	0.000	-0.001	-0.002	-0.004	0.003	-1.215	-0.015	-0.130	0.040	-0.033	-0.004	0.017	0.007	-0.017	-0.014	-0.027
FLAP2C	TS_COS	0.037	-0.002	0.003	0.001	0.002	-0.866	-0.017	0.041	-0.020	-0.012	-0.010	-0.012	-0.030	-0.008	-0.013	-0.097
FLAP2C	TS_SIN	0.000	0.000	0.002	0.003	0.017	-1.216	-0.005	-0.132	0.009	-0.023	0.005	0.013	0.015	-0.018	0.002	-0.064
FLAP3C	TS_COS	-0.056	-0.001	0.000	-0.003	-0.015	-0.862	-0.013	0.001	-0.019	-0.009	-0.007	-0.016	-0.025	-0.015	-0.020	-0.111
FLAP3C	TS_SIN	0.000	0.001	-0.005	-0.002	0.006	-1.213	0.013	-0.110	0.021	-0.028	0.006	-0.001	0.018	-0.011	-0.004	-0.012
FLAP4C	TS_COS	-0.015	0.002	-0.002	0.004	-0.012	-0.867	0.008	0.028	-0.032	-0.004	-0.009	-0.023	-0.029	0.004	-0.023	-0.086
FLAP4C	TS_SIN	0.000	0.002	0.003	0.000	-0.013	-1.217	0.012	-0.133	0.031	-0.031	0.029	0.004	0.018	-0.014	-0.006	-0.067
FLAP5C	TS_COS	0.066	0.002	0.004	-0.003	0.009	-0.866	0.018	0.035	-0.001	-0.018	0.007	-0.001	-0.040	-0.006	-0.012	-0.127
FLAP5C	TS_SIN	0.000	-0.001	-0.002	0.003	-0.014	-1.218	-0.004	-0.100	0.020	-0.023	0.032	0.013	0.014	-0.020	-0.016	-0.007
RUN	POINT	Harmonics															
49	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.027	0.000	-0.001	-0.001	0.001	0.651	-0.002	0.043	0.016	-0.009	0.019	0.022	-0.002	-0.004	-0.002	0.089
FLAP1C	TS_SIN	0.000	0.000	0.001	0.001	-0.003	-1.343	0.002	-0.066	0.072	0.046	0.004	0.011	-0.001	0.010	0.007	0.042
FLAP2C	TS_COS	0.037	0.000	0.000	0.000	0.004	0.656	0.002	0.031	-0.015	-0.004	0.016	0.032	-0.005	-0.023	-0.002	0.091
FLAP2C	TS_SIN	0.000	0.000	0.000	0.001	-0.002	-1.342	0.004	-0.087	0.056	0.022	-0.010	0.016	0.008	-0.006	0.001	0.053
FLAP3C	TS_COS	-0.057	0.001	-0.001	0.000	0.002	0.652	0.004	0.009	0.007	0.001	0.015	0.030	-0.005	-0.025	0.000	0.102
FLAP3C	TS_SIN	0.000	0.000	-0.001	0.001	0.002	-1.338	0.001	-0.087	0.053	0.041	-0.010	-0.002	0.006	0.000	0.001	0.014
FLAP4C	TS_COS	-0.017	0.000	0.000	0.000	-0.002	0.653	0.001	0.052	0.004	-0.009	0.004	0.034	-0.008	-0.021	0.002	0.088
FLAP4C	TS_SIN	0.000	0.000	0.002	0.000	0.002	-1.345	-0.004	-0.076	0.065	0.049	-0.023	0.000	0.006	-0.007	0.007	0.064
FLAP5C	TS_COS	0.065	0.000	0.000	0.000	-0.002	0.652	-0.003	0.046	-0.013	0.002	-0.001	0.028	-0.010	-0.018	-0.008	0.110
FLAP5C	TS_SIN	0.000	-0.001	-0.001	0.000	-0.001	-1.343	-0.002	-0.073	0.041	0.022	-0.027	0.007	0.001	0.015	0.009	0.005

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
49	POINT 54	FLAP1C_TS_COS	0.026	0.000	0.000	-0.001	-0.001	-0.109	-0.002	0.010	0.016	0.019	0.024	0.027	-0.003	0.014	-0.002	0.038
		FLAP1C_TS_SIN	0.000	-0.001	0.000	0.002	-0.002	-1.487	0.002	-0.046	0.059	0.043	0.000	-0.007	-0.008	0.009	0.003	-0.086
		FLAP2C_TS_COS	0.035	0.000	0.002	0.000	0.003	-0.107	0.003	-0.011	-0.005	0.006	-0.001	0.031	0.004	-0.006	-0.002	0.050
		FLAP2C_TS_SIN	0.000	0.000	-0.002	0.002	-0.002	-1.490	0.002	-0.073	0.061	0.026	0.004	-0.003	-0.004	0.019	-0.006	-0.100
		FLAP3C_TS_COS	-0.057	0.001	-0.001	0.000	0.004	-0.105	0.004	-0.029	0.003	0.027	0.016	0.026	-0.006	-0.010	0.001	0.018
		FLAP3C_TS_SIN	0.000	0.001	0.000	0.001	0.002	-1.485	-0.001	-0.053	0.045	0.031	-0.004	-0.013	-0.009	0.019	-0.006	-0.106
		FLAP4C_TS_COS	-0.017	0.001	0.001	-0.001	0.000	-0.111	0.000	0.007	0.004	0.033	-0.009	0.027	0.006	-0.005	-0.006	0.065
		FLAP4C_TS_SIN	0.000	-0.001	0.001	0.001	0.004	-1.491	-0.003	-0.059	0.055	0.051	0.006	-0.018	-0.012	0.023	-0.012	-0.092
55	POINT 55	FLAP5C_TS_COS	0.064	0.000	0.001	0.001	-0.002	-0.108	-0.002	-0.004	-0.025	0.011	0.000	0.029	-0.012	0.004	0.002	0.008
		FLAP5C_TS_SIN	0.000	-0.001	-0.002	0.002	0.001	-1.489	-0.001	-0.060	0.059	0.021	0.005	-0.014	-0.014	0.015	0.003	-0.111
		FLAP1C_TS_COS	0.024	0.000	0.002	0.000	-0.003	-0.843	0.001	-0.030	0.006	0.010	-0.002	0.018	0.010	0.009	-0.004	-0.093
		FLAP1C_TS_SIN	0.000	0.001	0.000	0.000	0.000	-1.232	0.004	-0.018	0.029	0.022	-0.002	0.007	0.015	-0.011	0.000	-0.048
		FLAP2C_TS_COS	0.034	0.000	0.003	0.000	0.001	-0.841	0.004	-0.040	0.005	-0.004	-0.022	0.013	0.014	0.032	-0.005	-0.104
		FLAP2C_TS_SIN	0.000	0.001	-0.002	-0.001	-0.001	-1.233	0.001	-0.037	0.042	0.021	0.025	0.000	0.006	-0.004	-0.002	-0.068
		FLAP3C_TS_COS	-0.059	0.000	0.001	0.000	0.003	-0.837	0.002	-0.045	0.005	0.017	-0.007	0.010	0.005	0.017	0.002	-0.110
		FLAP3C_TS_SIN	0.000	0.001	0.000	0.000	0.002	-1.231	-0.003	-0.009	0.031	0.003	0.006	-0.003	0.007	0.008	-0.012	-0.023
		FLAP4C_TS_COS	-0.018	0.000	0.003	0.003	-0.001	0.000	-0.001	-0.019	-0.002	0.029	-0.016	0.005	0.002	0.026	-0.024	-0.098
		FLAP4C_TS_SIN	0.000	0.000	-0.001	-0.001	0.005	-1.236	-0.002	-0.028	0.033	0.017	0.034	-0.002	-0.002	-0.004	-0.005	-0.076
		FLAP5C_TS_COS	0.063	0.000	0.003	0.002	-0.003	-0.843	-0.002	-0.025	-0.012	0.001	-0.004	0.012	0.004	0.017	-0.004	-0.116
		FLAP5C TS SIN	0.000	0.000	-0.002	-0.001	0.004	-1.236	0.001	-0.021	0.047	0.007	0.023	-0.003	0.015	-0.009	-0.002	-0.019

RUN	POINT	Harmonics	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	56	0															
	FLAP1C_TS_COS	0.026	0.000	0.002	0.000	-0.002	-1.343	0.002	-0.043	0.009	-0.002	-0.008	0.011	0.030	0.006	0.003	-0.041
	FLAP1C_TS_SIN	0.000	0.000	0.000	0.003	0.002	-0.650	0.001	0.009	0.008	0.003	0.005	0.013	0.025	-0.008	-0.003	0.085
	FLAP2C_TS_COS	0.036	0.001	0.000	-0.001	-0.001	-1.343	0.003	-0.055	0.025	-0.005	-0.007	-0.004	0.031	0.032	0.021	-0.062
	FLAP2C_TS_SIN	0.000	0.001	-0.001	0.000	-0.002	-0.652	-0.003	-0.001	0.018	0.011	0.036	0.011	0.022	-0.017	0.004	0.096
	FLAP3C_TS_COS	-0.058	0.001	0.000	0.001	0.004	-1.338	0.000	-0.039	0.016	-0.006	-0.004	0.005	0.023	0.029	0.013	-0.019
	FLAP3C_TS_SIN	0.000	0.000	0.000	0.001	-0.001	-0.651	-0.004	0.022	0.015	-0.013	0.019	0.005	0.015	-0.015	-0.008	0.109
	FLAP4C_TS_COS	-0.016	0.001	0.001	0.000	0.002	-1.347	-0.003	-0.022	0.008	0.003	0.011	0.000	0.016	0.023	0.012	-0.073
	FLAP4C_TS_SIN	0.000	0.000	0.002	0.004	0.004	-0.650	-0.002	-0.003	0.019	-0.014	0.033	0.018	0.029	-0.021	0.010	0.082
	FLAP5C_TS_COS	0.065	0.000	0.000	0.002	0.000	-1.343	-0.001	-0.035	0.016	-0.012	0.019	0.012	0.033	0.008	0.010	-0.013
	FLAP5C_TS_SIN	0.000	0.000	-0.001	0.001	0.004	-0.653	0.001	0.004	0.028	0.006	0.020	0.019	0.029	-0.018	0.003	0.111
RUN	POINT	Harmonics	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	57	0															
	FLAP1C_TS_COS	0.026	0.000	-0.004	0.000	-0.002	-1.487	0.004	-0.017	0.024	-0.017	-0.003	-0.016	0.002	0.000	0.015	0.101
	FLAP1C_TS_SIN	0.000	0.001	0.000	0.001	0.001	0.099	0.002	0.027	-0.007	-0.008	-0.008	0.008	0.011	0.012	0.009	0.035
	FLAP2C_TS_COS	0.036	0.000	-0.006	0.000	-0.003	-1.488	0.002	-0.026	0.046	-0.007	0.002	-0.020	0.002	-0.002	0.031	0.105
	FLAP2C_TS_SIN	0.000	0.001	0.000	-0.001	-0.003	0.099	-0.002	0.015	0.002	0.011	0.010	0.012	0.005	-0.002	-0.001	0.071
	FLAP3C_TS_COS	-0.057	0.000	-0.003	0.001	0.000	-1.485	-0.002	-0.006	0.035	-0.022	-0.001	-0.015	-0.002	0.009	0.026	0.125
	FLAP3C_TS_SIN	0.000	0.000	0.001	0.000	-0.004	0.096	-0.003	0.040	0.001	-0.015	0.005	0.011	0.005	-0.008	-0.002	0.024
	FLAP4C_TS_COS	-0.016	0.000	-0.004	0.000	0.001	-1.489	-0.002	0.002	0.027	-0.023	0.018	-0.019	0.004	-0.002	0.039	0.096
	FLAP4C_TS_SIN	0.000	0.000	-0.001	0.000	-0.002	0.102	0.001	0.012	0.008	-0.025	-0.003	0.018	0.015	-0.004	0.002	0.077
	FLAP5C_TS_COS	0.066	-0.001	-0.005	0.001	0.000	-1.489	0.000	-0.009	0.032	-0.023	0.022	-0.016	0.009	-0.008	0.022	0.124
	FLAP5C_TS_SIN	0.000	0.000	0.001	-0.001	0.001	0.099	0.004	0.026	-0.002	-0.009	-0.021	0.024	0.010	0.013	0.002	0.010



RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.023	0.000	0.000	0.002	0.003	0.093	0.001	0.074	-0.004	0.021	0.009	0.023	0.016	0.027	-0.008	-0.038
FLAP1C	TS_SIN	0.000	0.000	-0.002	-0.001	0.004	1.491	-0.003	0.055	-0.001	0.034	-0.015	-0.003	-0.006	-0.008	0.005	0.093
FLAP2C	TS_COS	0.033	0.001	-0.001	0.001	-0.001	0.089	-0.002	0.060	0.007	0.021	-0.006	0.020	0.017	0.017	-0.013	-0.087
FLAP2C	TS_SIN	0.000	0.000	0.001	0.000	0.004	1.492	-0.002	0.061	0.000	0.019	-0.001	-0.005	0.015	-0.007	0.018	0.086
FLAP3C	TS_COS	-0.059	0.000	0.001	0.000	-0.003	0.090	-0.004	0.077	0.009	0.025	-0.008	0.004	0.006	0.008	-0.016	-0.026
FLAP3C	TS_SIN	0.000	0.001	-0.001	-0.001	-0.001	1.486	0.001	0.041	-0.008	0.028	-0.002	-0.016	0.001	-0.005	0.012	0.104
FLAP4C	TS_COS	-0.019	0.001	-0.002	0.001	0.001	0.089	0.000	0.077	0.000	0.021	-0.012	0.019	0.012	0.013	-0.024	-0.100
FLAP4C	TS_SIN	0.000	0.001	-0.002	0.001	-0.003	1.493	0.001	0.059	0.003	0.037	0.009	-0.008	0.013	0.000	0.020	0.072
FLAP5C	TS_COS	0.062	0.001	0.000	0.000	0.005	0.092	0.002	0.054	0.003	0.018	-0.011	0.021	0.010	0.018	-0.016	-0.025
FLAP5C	TS_SIN	0.000	0.000	0.000	-0.001	0.000	1.492	0.001	0.044	0.008	0.020	0.009	-0.005	0.007	-0.009	0.015	0.120
RUN	POINT	Harmonics															
49	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.030	0.000	0.042	-0.002	0.004	0.003	0.000	0.039	0.000	0.022	0.024	0.022	0.005	0.009	0.003	-0.005
FLAP1C	TS_SIN	0.000	0.001	1.482	-0.001	-0.003	0.001	0.001	-0.008	0.026	0.007	-0.023	0.004	0.007	0.001	0.010	0.008
FLAP2C	TS_COS	0.038	-0.002	0.042	-0.002	0.004	0.002	0.000	0.031	-0.004	0.009	0.035	0.018	0.008	0.005	0.005	0.006
FLAP2C	TS_SIN	0.000	-0.001	1.483	0.000	-0.002	0.000	0.001	0.000	0.030	0.000	-0.022	0.005	0.002	0.006	-0.013	0.008
FLAP3C	TS_COS	-0.056	-0.001	0.039	-0.002	0.002	0.001	0.000	0.022	-0.006	0.016	0.007	0.011	0.002	0.006	-0.001	0.001
FLAP3C	TS_SIN	0.000	-0.001	1.478	0.001	-0.002	0.000	0.001	-0.010	0.020	0.007	-0.032	-0.006	0.004	0.004	-0.005	0.002
FLAP4C	TS_COS	-0.014	-0.001	0.043	-0.001	0.004	0.002	-0.001	0.037	-0.004	0.009	0.038	0.022	0.006	0.002	0.007	0.001
FLAP4C	TS_SIN	0.000	-0.002	1.485	0.002	-0.002	0.001	0.001	-0.012	0.024	0.001	-0.019	-0.003	0.003	0.008	-0.010	0.004
FLAP5C	TS_COS	0.067	0.001	0.042	-0.001	0.003	0.001	0.000	0.033	0.000	0.018	0.005	0.021	0.008	-0.001	0.002	0.001
FLAP5C	TS_SIN	0.000	-0.002	1.484	0.000	-0.002	0.001	0.001	0.003	0.023	0.010	-0.039	-0.001	0.012	0.003	0.002	0.005

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
49	62	FLAP1C_TS_COS	0.028	0.001	0.784	-0.004	0.003	0.002	0.001	0.030	0.007	0.008	0.001	0.021	0.009	0.013	0.001	-0.004
		FLAP1C_TS_SIN	0.000	0.000	1.258	0.000	-0.005	0.001	0.002	-0.006	0.024	0.002	0.019	-0.004	0.003	-0.004	0.000	0.001
		FLAP2C_TS_COS	0.038	-0.002	0.784	-0.004	0.003	0.001	0.001	0.021	0.006	-0.001	-0.020	0.022	0.020	0.009	-0.002	0.001
		FLAP2C_TS_SIN	0.000	0.000	1.259	0.001	-0.004	0.001	0.002	0.006	0.033	0.003	0.009	0.001	0.003	-0.003	-0.001	-0.006
		FLAP3C_TS_COS	-0.056	-0.002	0.780	-0.002	0.002	0.000	0.000	0.020	0.006	-0.001	-0.007	0.013	0.018	0.007	0.003	-0.001
		FLAP3C_TS_SIN	0.000	0.000	1.255	0.002	-0.002	0.000	0.001	-0.007	0.031	-0.001	0.019	-0.011	-0.002	0.003	-0.011	-0.003
		FLAP4C_TS_COS	-0.014	-0.001	0.786	-0.002	0.003	0.000	0.000	0.019	-0.004	-0.001	-0.016	0.022	0.021	0.003	-0.005	0.000
		FLAP4C_TS_SIN	0.000	-0.003	1.261	0.001	-0.005	0.002	0.001	-0.018	0.031	-0.010	0.001	-0.003	0.001	0.000	0.005	-0.003
49	63	FLAP5C_TS_COS	0.066	0.001	0.785	-0.001	0.002	0.001	0.000	0.024	0.001	-0.003	0.000	0.020	0.021	0.004	-0.008	0.000
		FLAP5C_TS_SIN	0.000	-0.002	1.259	0.000	-0.003	0.001	0.001	0.002	0.035	0.002	0.030	-0.008	0.000	0.001	-0.010	-0.004
		RUN	POINT	Harmonics														
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		FLAP1C_TS_COS	0.025	0.002	1.303	0.000	-0.001	0.001	0.001	0.033	0.000	0.000	0.030	0.003	0.015	0.018	-0.002	0.003
		FLAP1C_TS_SIN	0.000	0.000	0.704	0.000	-0.001	0.000	-0.002	0.010	0.026	0.013	-0.013	0.003	0.010	-0.001	-0.010	-0.015
		FLAP2C_TS_COS	0.035	0.001	1.303	-0.001	-0.001	0.000	0.000	0.032	0.010	-0.007	0.019	-0.006	0.015	0.020	0.005	0.007
		FLAP2C_TS_SIN	0.000	0.001	0.706	0.000	0.000	-0.001	-0.001	0.005	0.036	0.018	0.017	0.004	0.003	0.002	-0.021	-0.013
49	63	FLAP3C_TS_COS	-0.058	-0.001	1.299	0.001	0.000	0.000	0.000	0.027	0.011	-0.007	0.021	-0.008	0.003	0.014	0.004	0.007
		FLAP3C_TS_SIN	0.000	0.002	0.704	0.002	-0.001	0.000	-0.001	-0.004	0.021	0.005	-0.013	0.006	-0.002	-0.002	-0.012	-0.015
		FLAP4C_TS_COS	-0.017	-0.001	1.306	0.003	-0.001	0.000	0.000	0.021	0.001	-0.018	0.021	-0.004	0.018	0.021	0.007	0.005
		FLAP4C_TS_SIN	0.000	0.000	0.707	0.002	-0.001	0.000	-0.002	0.004	0.041	0.010	0.017	-0.007	0.001	-0.005	-0.028	-0.008
		FLAP5C_TS_COS	0.063	0.002	1.306	0.001	-0.001	0.001	0.001	0.030	0.007	-0.011	0.036	-0.005	0.008	0.014	0.003	0.002
		FLAP5C TS SIN	0.000	-0.001	0.705	-0.001	-0.001	0.000	-0.001	0.006	0.035	0.008	-0.024	0.006	0.001	0.000	-0.010	-0.014

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	64	0.028	0.002	1.482	-0.001	-0.002	0.001	0.001	0.035	0.007	-0.005	-0.017	0.007	0.021	0.011	0.008	0.000
		0.000	-0.001	-0.040	0.001	-0.001	0.000	0.000	-0.002	0.019	0.000	-0.023	0.007	-0.008	0.007	0.005	-0.008
		0.038	0.001	1.483	-0.002	-0.002	-0.001	0.000	0.032	0.028	-0.002	-0.017	0.008	0.009	0.004	0.004	-0.004
		0.000	0.001	-0.038	0.002	0.000	0.000	0.000	-0.019	0.028	0.013	-0.006	0.018	-0.001	0.012	0.002	-0.010
		-0.056	0.000	1.479	0.000	-0.001	-0.001	0.001	0.019	0.012	-0.006	-0.029	0.003	0.003	0.007	0.004	0.000
		0.000	0.001	-0.038	0.002	0.000	-0.001	0.000	-0.006	0.012	-0.001	0.001	0.011	-0.004	0.005	-0.006	-0.007
		-0.014	-0.001	1.486	0.001	-0.002	0.000	0.000	0.026	0.023	-0.009	0.000	-0.005	0.007	0.000	0.006	0.002
		0.000	0.000	-0.039	0.001	0.000	0.000	0.000	-0.010	0.025	0.009	-0.012	0.018	-0.005	0.005	0.000	-0.015
		0.066	0.001	1.485	-0.001	-0.002	-0.001	0.001	0.026	0.009	-0.008	-0.020	0.003	0.010	0.009	-0.002	-0.010
		0.000	-0.001	-0.040	0.000	0.000	0.001	0.000	-0.002	0.014	-0.006	-0.003	0.019	-0.005	0.009	0.005	-0.008
49	65	0.026	0.001	1.263	-0.001	0.001	0.001	0.001	0.026	0.000	-0.022	0.022	0.009	0.004	0.011	0.003	0.006
		0.000	-0.002	-0.776	0.001	0.001	0.000	0.000	-0.015	0.022	0.009	0.000	-0.002	-0.001	0.003	0.007	-0.008
		0.036	0.003	1.264	-0.001	0.001	0.000	0.001	0.029	0.017	-0.012	0.009	0.013	0.007	0.016	-0.011	-0.005
		0.000	0.000	-0.775	0.001	0.002	0.000	-0.001	-0.034	0.018	0.017	0.037	0.010	0.002	0.001	0.002	0.003
		-0.058	0.001	1.260	0.000	0.000	-0.001	0.000	0.021	0.007	-0.012	0.029	0.005	0.000	0.005	0.003	0.008
		0.000	0.001	-0.774	0.001	0.001	0.000	0.000	-0.014	0.017	0.008	0.015	0.005	0.008	0.000	0.003	-0.003
		-0.017	0.000	1.267	0.001	0.000	-0.001	0.000	0.033	0.002	-0.013	0.016	0.009	0.006	0.009	-0.011	-0.002
		0.000	-0.001	-0.777	0.001	0.003	0.001	-0.001	-0.018	0.022	0.010	0.030	0.011	0.002	0.005	-0.003	-0.004
		0.064	0.000	1.265	-0.001	0.001	-0.001	0.000	0.021	-0.001	-0.023	0.045	0.016	0.003	0.005	0.003	0.004
		0.000	-0.001	-0.778	-0.001	0.002	0.001	0.000	-0.022	0.016	0.011	0.005	0.007	0.003	0.003	0.004	-0.002

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
49	66	FLAP1C_TS_COS	0.023	0.000	0.706	-0.001	0.000	-0.001	0.001	0.010	0.002	-0.004	-0.005	0.005	-0.002	0.000	-0.002	-0.007
		FLAP1C_TS_SIN	0.000	-0.002	-1.301	0.002	0.002	-0.001	-0.001	-0.003	0.026	0.005	-0.033	0.011	0.005	0.005	0.003	0.002
		FLAP2C_TS_COS	0.033	0.002	0.709	0.000	0.001	-0.001	0.001	0.010	0.009	0.002	0.006	0.009	0.002	0.004	0.001	-0.005
		FLAP2C_TS_SIN	0.000	0.000	-1.300	0.001	0.002	0.000	-0.001	-0.023	0.015	0.004	-0.015	0.012	0.001	0.000	-0.004	0.004
		FLAP3C_TS_COS	-0.060	0.001	0.707	0.001	0.000	-0.001	0.001	0.020	0.010	-0.003	-0.016	0.008	-0.001	0.001	-0.004	0.003
		FLAP3C_TS_SIN	0.000	0.001	-1.297	0.001	0.001	0.000	-0.001	-0.009	0.019	-0.002	-0.029	0.002	0.007	0.001	-0.007	0.000
		FLAP4C_TS_COS	-0.020	0.000	0.710	0.000	0.000	0.000	0.001	0.023	0.009	0.001	0.021	0.005	0.001	0.001	0.006	-0.006
		FLAP4C_TS_SIN	0.000	0.001	-1.303	0.000	0.003	0.000	0.000	-0.014	0.022	-0.001	-0.021	0.015	-0.003	0.005	-0.002	0.002
49	67	FLAP5C_TS_COS	0.062	-0.001	0.708	-0.001	0.001	0.000	0.000	0.010	0.005	-0.003	-0.018	0.013	0.002	0.004	-0.001	-0.003
		FLAP5C_TS_SIN	0.000	0.000	-1.303	0.001	0.002	0.000	0.000	-0.008	0.024	0.003	-0.034	0.003	0.002	0.000	0.001	-0.002
		RUN	POINT	Harmonics														
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		FLAP1C_TS_COS	0.028	-0.001	-0.047	0.000	0.000	0.000	0.001	0.034	0.010	-0.009	-0.009	0.009	0.004	-0.009	0.000	-0.004
		FLAP1C_TS_SIN	0.000	-0.001	-1.479	0.001	-0.001	0.000	0.001	0.014	0.023	0.004	0.003	0.003	0.010	0.014	0.008	0.003
		FLAP2C_TS_COS	0.038	0.001	-0.046	0.001	0.001	0.000	-0.001	0.027	0.021	-0.010	-0.022	0.018	0.005	-0.004	-0.010	0.005
		FLAP2C_TS_SIN	0.000	0.000	-1.482	0.000	0.000	0.001	0.000	0.006	0.018	0.007	0.011	0.008	0.012	0.011	0.008	0.002
49	68	FLAP3C_TS_COS	-0.056	0.000	-0.045	0.001	-0.001	0.000	0.000	0.034	0.019	-0.003	-0.008	0.008	0.009	0.000	0.003	0.003
		FLAP3C_TS_SIN	0.000	0.001	-1.478	-0.001	-0.001	0.000	0.000	0.001	0.019	0.002	0.019	-0.007	0.008	0.012	0.005	-0.003
		FLAP4C_TS_COS	-0.015	0.000	-0.047	0.001	0.001	0.002	0.001	0.037	0.014	-0.021	-0.014	0.021	-0.002	-0.009	-0.008	0.009
		FLAP4C_TS_SIN	0.000	0.001	-1.484	-0.002	-0.001	0.000	0.001	0.013	0.024	0.006	-0.005	0.020	0.014	0.013	0.005	0.003
		FLAP5C_TS_COS	0.067	-0.003	-0.046	0.000	0.001	0.002	0.001	0.028	0.013	-0.010	0.000	0.015	0.004	-0.002	-0.002	0.001
		FLAP5C_TS_SIN	0.000	0.001	-1.484	0.001	-0.002	0.000	0.001	0.011	0.014	0.007	0.019	-0.004	0.005	0.015	0.006	-0.007

RUN	POINT	Harmonics	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	68	0															
		0.024	-0.001	-0.778	0.001	0.003	0.001	0.001	0.043	0.015	-0.014	0.014	0.005	0.014	-0.007	-0.018	-0.002
		0.000	0.000	-1.263	-0.001	-0.001	-0.001	0.001	0.003	0.026	0.014	-0.028	0.002	0.007	0.009	-0.002	0.004
		0.034	0.000	-0.775	0.002	0.002	0.000	-0.002	0.052	0.018	0.004	0.006	0.004	0.014	0.002	-0.009	-0.015
		0.000	0.001	-1.263	-0.003	0.000	0.001	0.000	0.016	0.018	0.018	-0.002	-0.013	-0.001	-0.002	-0.003	0.002
		-0.059	0.000	-0.775	0.001	0.000	-0.001	0.000	0.040	0.023	-0.002	0.010	0.002	0.005	-0.005	-0.014	-0.002
		0.000	0.001	-1.260	-0.002	0.000	0.000	0.000	-0.002	0.015	0.007	-0.026	-0.001	0.004	-0.006	0.000	0.006
		-0.019	0.000	-0.778	0.000	0.001	0.001	0.000	0.064	0.013	-0.004	0.008	0.017	0.015	-0.008	-0.008	-0.007
		0.000	0.003	-1.266	-0.003	0.000	0.000	0.000	0.020	0.022	0.022	0.001	-0.010	0.005	0.004	-0.005	0.000
		0.063	-0.002	-0.778	0.000	0.002	0.001	0.001	0.039	0.005	-0.005	0.011	0.002	0.014	-0.005	-0.016	-0.005
		0.000	0.003	-1.266	0.000	-0.001	-0.001	0.000	0.005	0.022	0.011	-0.032	-0.008	-0.001	0.000	-0.002	0.004
RUN	POINT	Harmonics	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	69	0															
		0.027	-0.001	-1.303	0.002	-0.002	-0.001	0.000	0.042	-0.001	-0.005	-0.022	0.001	0.017	0.001	-0.005	-0.001
		0.000	0.000	-0.706	0.000	0.000	-0.001	0.000	-0.006	0.023	0.008	0.001	0.005	0.001	-0.002	-0.013	-0.006
		0.037	-0.001	-1.303	0.002	-0.003	0.000	-0.001	0.041	0.012	-0.002	-0.023	0.004	0.008	0.010	-0.005	-0.006
		0.000	0.000	-0.707	-0.001	-0.001	-0.001	0.000	-0.017	0.021	0.009	-0.004	0.007	-0.003	-0.006	0.001	-0.010
		-0.057	0.001	-1.298	0.001	-0.002	-0.001	0.000	0.038	0.004	-0.001	-0.022	0.001	0.004	0.000	-0.004	-0.001
		0.000	0.000	-0.706	-0.001	-0.001	0.000	-0.001	-0.009	0.006	0.003	0.010	0.007	0.002	-0.004	-0.014	-0.009
		-0.017	0.001	-1.305	0.000	-0.002	0.001	0.000	0.065	0.009	-0.008	-0.014	0.008	0.012	0.002	-0.010	-0.001
		0.000	0.001	-0.708	-0.001	-0.001	-0.001	0.000	-0.011	0.035	0.009	-0.019	0.005	-0.002	-0.006	-0.001	-0.004
		0.065	-0.001	-1.304	0.000	-0.002	0.001	0.000	0.025	0.011	-0.010	-0.028	0.004	0.009	0.005	-0.007	0.000
		0.000	0.001	-0.708	0.000	-0.001	0.000	0.000	-0.012	0.020	0.004	0.012	0.009	0.001	-0.007	-0.009	-0.012

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	70																
	FLAP1C_TS_COS	0.029	-0.001	-1.477	-0.001	0.000	0.001	0.002	0.017	-0.004	0.001	0.037	0.001	0.003	0.010	0.000	0.004
	FLAP1C_TS_SIN	0.000	-0.001	0.045	0.002	-0.002	0.000	0.002	-0.021	0.022	0.001	-0.003	0.002	0.000	0.002	0.004	-0.005
	FLAP2C_TS_COS	0.039	-0.001	-1.478	-0.002	0.001	0.001	0.002	0.002	0.005	0.004	0.013	0.004	0.013	0.012	0.002	0.003
	FLAP2C_TS_SIN	0.000	-0.002	0.044	0.001	-0.003	-0.001	0.001	-0.012	0.003	0.018	0.023	-0.002	0.005	-0.001	-0.005	-0.007
	FLAP3C_TS_COS	-0.055	0.000	-1.476	-0.001	0.000	0.000	0.000	0.011	-0.003	0.004	0.031	0.001	0.002	0.005	0.006	0.003
	FLAP3C_TS_SIN	0.000	-0.003	0.043	0.000	-0.002	0.001	0.001	-0.023	0.013	0.012	-0.002	0.003	-0.001	-0.007	-0.003	-0.005
	FLAP4C_TS_COS	-0.014	0.001	-1.481	-0.004	0.000	0.000	0.003	0.022	0.004	-0.003	0.015	0.011	0.008	0.007	0.000	0.002
	FLAP4C_TS_SIN	0.000	-0.001	0.045	0.001	-0.004	0.001	0.001	-0.024	0.014	0.018	0.009	0.008	0.011	-0.004	-0.014	-0.010
	FLAP5C_TS_COS	0.068	0.000	-1.481	-0.002	0.000	0.001	0.000	0.004	-0.001	0.009	0.043	0.004	0.012	0.007	-0.003	0.006
	FLAP5C_TS_SIN	0.000	-0.001	0.045	0.003	-0.003	0.001	0.001	-0.020	0.007	0.009	-0.001	-0.002	-0.001	0.004	-0.005	-0.007
RUN	POINT	Harmonics															
49	71																
	FLAP1C_TS_COS	0.026	-0.001	-1.264	0.001	-0.001	0.000	-0.001	0.024	0.004	-0.001	-0.005	0.000	0.008	-0.004	0.004	-0.002
	FLAP1C_TS_SIN	0.000	0.001	0.777	0.001	0.000	0.002	0.001	-0.002	0.019	0.000	-0.021	0.020	0.006	0.005	0.009	-0.001
	FLAP2C_TS_COS	0.036	-0.002	-1.264	0.000	-0.001	0.000	-0.001	0.005	-0.005	-0.001	-0.007	0.013	0.005	0.006	0.007	-0.001
	FLAP2C_TS_SIN	0.000	0.000	0.777	-0.001	-0.001	0.002	0.000	-0.003	0.006	0.002	-0.027	0.015	0.006	0.004	0.005	0.000
	FLAP3C_TS_COS	-0.058	0.000	-1.260	-0.001	-0.001	0.002	-0.001	0.006	0.007	0.007	-0.024	0.007	0.004	0.001	0.000	0.003
	FLAP3C_TS_SIN	0.000	-0.001	0.774	0.000	0.000	0.002	0.000	-0.005	0.013	0.005	-0.016	0.010	0.000	0.004	-0.003	-0.003
	FLAP4C_TS_COS	-0.016	0.001	-1.266	-0.002	0.000	0.000	0.000	0.005	-0.009	0.011	0.003	0.006	0.002	0.009	0.014	-0.001
	FLAP4C_TS_SIN	0.000	0.001	0.780	0.001	0.000	0.001	0.000	-0.008	0.004	-0.002	-0.023	0.015	-0.001	0.005	0.011	-0.004
	FLAP5C_TS_COS	0.064	0.001	-1.265	0.001	-0.002	0.001	-0.001	0.005	-0.004	-0.002	-0.026	0.004	0.003	-0.005	0.002	0.000
	FLAP5C TS SIN	0.000	0.000	0.778	0.002	0.000	0.001	0.000	-0.002	0.013	0.005	-0.019	0.013	0.008	0.004	0.008	-0.006

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.025	-0.001	-0.704	0.000	0.002	-0.001	0.000	0.048	-0.002	-0.003	0.017	0.021	-0.012	0.004	0.006	0.007
FLAP1C	TS_SIN	0.000	0.001	1.304	0.001	0.002	0.002	0.001	-0.002	0.017	0.005	0.016	0.024	0.006	0.011	0.007	0.013
FLAP2C	TS_COS	0.034	-0.002	-0.704	-0.001	0.002	0.000	0.000	0.032	-0.007	0.002	-0.019	0.023	-0.005	0.010	-0.006	0.005
FLAP2C	TS_SIN	0.000	-0.001	1.303	0.000	0.002	0.001	0.002	0.010	0.010	0.004	0.027	0.012	0.009	0.003	0.003	0.009
FLAP3C	TS_COS	-0.058	-0.001	-0.702	-0.002	0.002	0.001	0.000	0.025	-0.001	-0.001	0.011	0.017	-0.004	0.007	0.007	0.010
FLAP3C	TS_SIN	0.000	-0.002	1.300	0.001	0.001	0.001	0.001	-0.001	0.004	0.003	0.025	0.003	0.005	0.007	0.003	-0.001
FLAP4C	TS_COS	-0.018	0.000	-0.705	0.000	0.003	0.000	0.000	0.037	-0.004	0.002	-0.016	0.024	-0.001	0.008	-0.009	0.002
FLAP4C	TS_SIN	0.000	-0.001	1.306	0.003	0.002	0.001	0.001	0.001	0.010	0.003	0.021	0.018	0.007	0.011	0.005	0.010
FLAP5C	TS_COS	0.063	0.001	-0.704	0.000	0.002	0.000	0.001	0.034	0.003	0.000	0.020	0.017	-0.008	0.004	0.001	0.016
FLAP5C	TS_SIN	0.000	0.000	1.307	0.002	0.002	0.000	0.001	0.007	0.015	0.008	0.029	0.012	0.004	0.015	0.003	0.008
RUN	POINT	Harmonics															
49	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.027	0.000	0.044	0.000	0.001	0.000	0.001	0.036	-0.002	0.016	0.022	0.018	0.001	0.003	0.000	-0.006
FLAP1C	TS_SIN	0.000	0.002	1.481	-0.001	-0.001	0.000	0.000	-0.006	0.027	0.003	-0.026	0.003	0.010	0.000	0.009	0.006
FLAP2C	TS_COS	0.037	-0.001	0.041	-0.001	0.000	0.001	0.000	0.034	-0.004	0.005	0.030	0.014	0.007	0.001	0.001	0.005
FLAP2C	TS_SIN	0.000	0.001	1.482	-0.001	-0.001	0.000	0.001	-0.001	0.036	-0.001	-0.018	0.000	0.005	0.005	-0.011	0.004
FLAP3C	TS_COS	-0.057	-0.001	0.042	-0.001	0.000	0.001	0.000	0.023	-0.007	0.011	0.006	0.008	0.004	0.002	-0.001	-0.001
FLAP3C	TS_SIN	0.000	0.000	1.478	0.001	0.000	0.000	0.001	-0.008	0.023	0.006	-0.032	-0.009	0.006	0.004	-0.002	-0.003
FLAP4C	TS_COS	-0.015	0.000	0.043	0.001	0.000	0.000	0.000	0.039	-0.003	0.009	0.036	0.016	0.007	0.002	0.006	-0.001
FLAP4C	TS_SIN	0.000	0.000	1.485	0.002	-0.001	-0.001	0.000	-0.014	0.026	0.000	-0.013	-0.007	0.005	0.010	-0.006	0.001
FLAP5C	TS_COS	0.065	0.001	0.044	0.002	0.001	0.000	-0.001	0.033	-0.001	0.015	0.004	0.015	0.006	-0.002	0.002	-0.002
FLAP5C	TS SIN	0.000	-0.001	1.483	0.000	-0.001	0.000	0.000	0.002	0.027	0.009	-0.035	-0.005	0.014	0.003	0.005	0.002

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	74	0.025	0.000	-0.001	-0.001	0.000	0.000	0.000	0.009	0.002	-0.001	0.002	0.002	0.002	0.001	-0.001	-0.003
		0.000	0.001	0.000	0.000	0.000	0.000	0.004	0.004	0.008	0.002	-0.003	0.001	0.001	0.001	0.001	-0.001
		0.033	0.000	-0.001	0.000	0.000	0.000	-0.001	0.006	0.003	-0.002	-0.004	-0.001	0.003	0.003	0.000	-0.001
		0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.008	0.007	0.003	-0.001	-0.001	0.000	-0.001	-0.002
		-0.060	0.000	-0.001	0.000	0.000	-0.001	0.007	0.001	-0.001	-0.001	0.000	0.002	0.002	0.001	-0.001	0.000
		0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.006	0.002	0.000	0.000	0.001	-0.001	-0.003	-0.002
		-0.020	0.000	-0.002	0.000	-0.001	0.001	0.003	0.003	0.000	-0.002	0.001	0.001	0.003	0.001	-0.001	-0.002
		0.000	0.001	0.001	0.000	0.000	0.000	0.001	0.001	0.006	0.003	0.003	0.001	0.001	-0.001	-0.002	-0.002
		0.063	0.000	0.000	0.001	0.001	0.000	0.000	0.000	-0.001	-0.002	0.000	0.001	0.001	0.000	-0.001	-0.001
		0.000	0.000	-0.001	-0.001	0.000	0.000	0.002	0.002	0.003	0.001	0.000	0.001	0.001	0.001	0.000	-0.002
49	75	0.025	-0.001	0.001	-0.067	0.000	0.002	0.039	0.008	0.008	-0.015	-0.014	0.004	0.002	0.014	-0.006	-0.007
		0.000	0.000	-0.001	-1.476	0.002	0.001	0.017	0.011	0.011	-0.071	-0.005	0.008	0.020	0.014	0.007	-0.002
		0.036	-0.001	0.003	-0.065	0.003	0.001	0.034	0.025	0.025	0.016	-0.018	-0.004	0.001	0.012	0.002	0.004
		0.000	0.000	-0.001	-1.477	0.001	0.001	-0.007	0.007	0.007	-0.089	0.015	0.005	0.001	0.007	0.002	-0.017
		-0.059	-0.001	0.003	-0.064	0.002	0.001	0.022	0.022	0.023	-0.016	-0.012	0.006	-0.002	0.003	0.005	0.003
		0.000	0.000	0.001	-1.473	-0.001	0.000	-0.013	-0.005	-0.005	-0.076	0.001	0.009	0.007	0.001	-0.012	-0.003
		-0.017	-0.001	0.001	-0.068	0.000	0.002	0.036	0.031	0.031	0.020	-0.025	0.003	0.007	0.005	-0.002	0.006
		0.000	0.000	0.003	-1.479	-0.002	0.000	-0.013	-0.013	0.015	-0.089	0.005	-0.003	0.005	0.013	0.001	-0.027
		0.063	0.000	0.001	-0.065	-0.001	0.000	0.016	0.016	0.015	-0.037	-0.014	0.005	0.005	0.016	-0.002	-0.007
		0.000	0.001	0.000	-1.478	-0.001	0.001	0.013	0.000	0.000	-0.101	0.004	0.004	0.005	0.008	0.000	-0.009

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	76																
	FLAP1C_TS_COS	0.023	-0.001	0.003	0.002	0.817	0.000	0.002	0.018	0.023	0.001	-0.006	0.010	0.104	0.015	0.007	0.017
	FLAP1C_TS_SIN	0.000	-0.002	0.000	0.000	1.236	-0.002	0.000	0.008	0.050	0.015	-0.014	0.015	0.018	-0.011	0.019	0.000
	FLAP2C_TS_COS	0.032	-0.001	0.003	-0.002	0.814	-0.003	0.000	0.000	0.016	0.011	-0.008	0.015	0.117	-0.009	0.008	0.010
	FLAP2C_TS_SIN	0.000	0.000	0.002	0.003	1.238	0.000	0.001	-0.017	0.049	0.021	0.002	0.020	0.051	0.002	-0.007	0.000
	FLAP3C_TS_COS	-0.060	0.000	0.002	-0.003	0.812	-0.001	0.001	0.026	0.016	-0.008	-0.020	0.010	0.110	0.006	0.005	0.008
	FLAP3C_TS_SIN	0.000	-0.002	-0.001	0.000	1.235	0.002	0.000	0.001	0.056	0.021	0.006	0.024	-0.005	-0.009	-0.005	-0.009
	FLAP4C_TS_COS	-0.019	-0.001	0.004	-0.001	0.817	0.001	0.000	0.041	0.026	-0.009	-0.004	0.011	0.105	-0.005	0.002	0.020
	FLAP4C_TS_SIN	0.000	-0.001	0.001	-0.003	1.241	0.003	-0.001	-0.017	0.077	0.012	0.008	0.022	0.069	-0.006	-0.005	-0.008
	FLAP5C_TS_COS	0.061	0.001	0.002	0.001	0.816	0.002	0.000	0.015	0.031	-0.007	-0.008	0.007	0.141	0.011	-0.001	0.014
	FLAP5C_TS_SIN	0.000	0.000	0.001	-0.002	1.238	0.000	0.001	0.013	0.061	0.012	-0.003	0.017	-0.002	0.000	0.012	-0.003
RUN	POINT	Harmonics															
49	77																
	FLAP1C_TS_COS	0.023	0.000	0.002	0.000	0.000	-1.244	0.003	0.001	0.033	-0.012	0.015	-0.014	-0.008	0.008	0.013	0.041
	FLAP1C_TS_SIN	0.000	-0.001	-0.001	0.001	0.003	0.822	-0.001	0.056	0.006	0.022	-0.022	0.007	-0.003	0.026	0.009	-0.090
	FLAP2C_TS_COS	0.032	0.000	-0.001	0.000	-0.002	-1.245	0.000	-0.009	0.045	0.000	0.017	-0.012	-0.022	-0.004	-0.005	0.080
	FLAP2C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.820	-0.003	0.044	0.006	0.030	-0.014	0.014	-0.016	0.021	-0.020	-0.090
	FLAP3C_TS_COS	-0.060	0.000	0.001	0.001	0.001	-1.244	-0.003	0.018	0.045	-0.016	0.006	-0.011	-0.015	-0.002	0.011	0.038
	FLAP3C_TS_SIN	0.000	0.000	0.001	0.000	-0.003	0.816	-0.002	0.049	-0.001	0.027	-0.009	0.007	-0.009	0.010	-0.011	-0.107
	FLAP4C_TS_COS	-0.020	0.000	0.001	0.000	0.004	-1.247	-0.001	0.009	0.038	-0.032	0.018	-0.008	-0.013	-0.007	0.012	0.092
	FLAP4C_TS_SIN	0.000	0.000	-0.001	0.000	-0.001	0.824	0.001	0.050	0.020	0.017	-0.037	0.017	-0.013	0.017	-0.025	-0.085
	FLAP5C_TS_COS	0.061	0.000	0.000	0.000	0.003	-1.247	0.001	0.011	0.040	-0.005	0.009	-0.010	-0.014	-0.002	-0.001	0.024
	FLAP5C TS SIN	0.000	0.000	0.001	0.000	0.001	0.823	0.002	0.045	0.006	0.023	-0.044	0.011	-0.011	0.029	-0.014	-0.120

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
49	POINT 78	0.025	-0.001	-1.262	0.001	-0.001	0.001	0.000	0.018	0.007	-0.003	-0.004	0.000	0.007	-0.002	0.004	-0.001	
		0.000	0.001	0.771	-0.001	0.002	0.000	0.000	-0.003	0.019	0.000	-0.019	0.019	0.008	0.005	0.008	-0.002	
		0.034	-0.002	-1.263	0.000	-0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.005	0.012	0.003	0.007	0.007	0.000	
		0.000	0.000	0.770	-0.002	0.002	-0.001	0.000	-0.003	0.006	0.003	-0.027	0.016	0.006	0.006	0.004	0.000	
		-0.059	0.000	-1.260	-0.001	-0.001	0.002	-0.001	0.005	0.009	0.005	-0.024	0.006	0.002	0.000	0.001	0.004	
		0.000	-0.002	0.769	-0.001	0.002	0.000	0.000	-0.004	0.015	0.007	-0.016	0.010	0.002	0.003	-0.004	-0.002	
		-0.018	0.002	-1.266	-0.001	0.000	0.002	0.000	0.003	-0.006	0.011	0.004	0.008	0.003	0.009	0.013	-0.001	
		0.000	-0.001	0.773	0.000	0.002	-0.001	-0.001	-0.011	0.006	0.000	-0.020	0.016	0.000	0.007	0.009	-0.003	
49	POINT 79	0.063	0.001	-1.264	0.001	-0.001	0.002	0.000	0.001	-0.002	-0.002	-0.026	0.005	0.005	-0.004	0.002	-0.001	
		0.000	0.001	0.773	0.000	0.002	-0.001	0.000	-0.003	0.015	0.004	-0.016	0.012	0.009	0.005	0.006	-0.005	
		Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			0.023	0.000	-0.001	-0.061	0.000	-0.002	0.001	0.046	0.008	-0.017	-0.017	0.006	0.004	0.015	-0.007	-0.010
			0.000	0.000	-0.003	-1.477	0.003	-0.001	-0.002	0.017	0.014	-0.071	-0.010	0.007	0.021	0.017	0.008	-0.004
			0.033	0.001	0.001	-0.060	0.003	-0.001	0.002	0.036	0.026	0.017	-0.018	-0.004	0.001	0.014	0.003	0.004
			0.000	0.000	-0.003	-1.477	0.003	-0.001	0.000	-0.009	0.004	-0.092	0.012	0.004	0.001	0.008	0.002	-0.019
			-0.061	0.001	0.002	-0.059	0.002	-0.001	0.000	0.028	0.026	-0.015	-0.015	0.006	-0.002	0.003	0.005	0.003
Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
	0.000	0.001	0.000	-1.472	0.000	0.000	-0.001	-0.014	-0.002	-0.076	0.001	0.007	0.007	0.001	-0.011	-0.004		
	-0.019	-0.001	0.000	-0.061	0.001	-0.001	0.001	0.041	0.033	0.022	-0.026	0.003	0.007	0.007	-0.002	0.005		
Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
	0.000	-0.001	0.000	-1.479	0.001	0.002	-0.001	-0.018	0.016	-0.089	0.004	-0.002	0.005	0.015	0.002	-0.030		
	0.061	0.001	-0.001	-0.061	-0.002	-0.001	0.002	0.022	0.016	-0.038	-0.016	0.005	0.005	0.017	-0.002	-0.008		
Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
	0.000	0.001	-0.001	-1.478	0.002	-0.001	-0.001	0.010	0.001	-0.103	0.003	0.003	0.004	0.007	0.001	-0.011		



RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	82	0.025	0.000	-0.007	-0.042	-0.001	0.001	0.000	0.048	0.006	-0.008	-0.013	0.004	-0.005	0.018	-0.008	-0.002
		FLAP1C_TS_COS															
		0.000	0.001	0.000	-0.983	0.000	0.001	0.000	0.019	0.015	-0.056	-0.008	0.005	0.012	0.012	0.006	-0.011
		FLAP1C_TS_SIN															
		0.035	0.000	-0.007	-0.039	0.000	0.003	0.002	0.038	0.026	0.022	-0.027	-0.001	0.002	0.004	0.000	0.014
		FLAP2C_TS_COS															
		0.000	0.000	-0.001	-0.985	-0.001	0.000	0.001	-0.003	0.021	-0.051	0.007	-0.004	0.005	0.007	0.006	-0.014
		FLAP2C_TS_SIN															
49	83	-0.059	0.000	-0.004	-0.040	0.000	0.001	-0.001	0.033	0.020	-0.002	-0.012	0.004	-0.003	0.005	0.001	0.004
		FLAP3C_TS_COS															
		0.000	0.001	0.001	-0.981	-0.001	0.000	0.000	-0.005	0.004	-0.059	0.003	0.004	0.008	0.001	-0.004	-0.012
		FLAP3C_TS_SIN															
		-0.018	0.001	-0.008	-0.040	-0.002	0.002	0.001	0.050	0.026	0.028	-0.029	0.009	0.003	0.006	-0.003	0.016
		FLAP4C_TS_COS															
		0.000	0.001	0.001	-0.986	-0.002	0.001	0.000	-0.007	0.025	-0.048	-0.005	-0.004	0.008	0.011	0.004	-0.019
		FLAP4C_TS_SIN															
49	83	0.064	0.001	-0.008	-0.041	-0.002	0.002	0.001	0.027	0.015	-0.013	-0.019	0.003	0.004	0.017	-0.007	0.003
		FLAP5C_TS_COS															
		0.000	0.001	0.001	-0.986	-0.001	0.000	0.001	0.015	0.005	-0.067	0.000	-0.002	0.004	0.010	0.002	-0.015
		FLAP5C_TS_SIN															
		0.025	-0.001	-0.001	-0.066	-0.001	-0.001	0.002	0.042	0.010	-0.019	-0.014	0.002	0.001	0.014	-0.003	-0.009
		FLAP1C_TS_COS															
		0.000	-0.001	-0.001	-1.474	0.003	-0.001	-0.002	0.020	0.009	-0.070	-0.006	0.007	0.019	0.014	0.006	-0.003
		FLAP1C_TS_SIN															
49	83	0.036	0.000	0.002	-0.064	0.000	0.000	0.002	0.033	0.030	0.015	-0.020	-0.005	0.000	0.010	0.001	0.006
		FLAP2C_TS_COS															
		0.000	-0.002	0.000	-1.475	0.003	-0.001	-0.001	-0.006	0.007	-0.090	0.015	0.003	0.002	0.009	0.003	-0.021
		FLAP2C_TS_SIN															
		-0.059	0.001	0.002	-0.064	0.001	0.000	0.000	0.025	0.026	-0.019	-0.014	0.006	-0.003	0.005	0.005	0.000
		FLAP3C_TS_COS															
		0.000	-0.001	0.002	-1.471	-0.001	-0.001	-0.001	-0.009	-0.002	-0.075	0.002	0.009	0.009	0.002	-0.007	-0.002
		FLAP3C_TS_SIN															
49	83	-0.017	0.001	0.000	-0.066	-0.001	-0.001	0.002	0.037	0.034	0.018	-0.026	0.002	0.005	0.004	-0.001	0.008
		FLAP4C_TS_COS															
		0.000	-0.002	0.003	-1.478	0.000	0.001	-0.002	-0.013	0.015	-0.089	0.005	-0.002	0.007	0.013	0.001	-0.028
		FLAP4C_TS_SIN															
		0.063	0.000	-0.001	-0.065	-0.001	0.000	0.002	0.019	0.018	-0.039	-0.017	0.003	0.004	0.017	-0.001	-0.008
		FLAP5C_TS_COS															
		0.000	-0.001	0.000	-1.477	0.001	0.000	-0.001	0.014	-0.003	-0.101	0.003	0.002	0.003	0.008	0.000	-0.011
		FLAP5C TS SIN															

RUN	POINT	Harmonics	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	84	0															
	FLAP1C_TS_COS	0.023	0.000	0.002	-0.055	-0.001	0.002	0.002	0.045	0.003	-0.017	-0.015	0.002	0.001	0.012	-0.007	-0.009
	FLAP1C_TS_SIN	0.000	0.000	-0.003	-1.477	0.004	-0.001	-0.001	0.023	0.010	-0.074	-0.013	0.008	0.020	0.015	0.005	-0.005
	FLAP2C_TS_COS	0.034	0.001	0.005	-0.052	0.001	0.001	0.001	0.041	0.027	0.017	-0.021	-0.007	-0.001	0.009	-0.001	0.004
	FLAP2C_TS_SIN	0.000	-0.001	-0.002	-1.477	0.003	0.000	0.000	-0.006	0.010	-0.088	0.012	0.004	0.003	0.012	0.002	-0.020
	FLAP3C_TS_COS	-0.061	0.000	0.004	-0.053	0.001	0.000	0.000	0.029	0.024	-0.015	-0.016	0.004	-0.002	0.004	0.007	0.001
	FLAP3C_TS_SIN	0.000	0.001	0.000	-1.473	-0.001	-0.001	-0.001	-0.008	-0.002	-0.077	-0.001	0.010	0.008	0.003	-0.010	-0.003
	FLAP4C_TS_COS	-0.019	0.000	0.002	-0.055	-0.001	0.001	0.001	0.044	0.031	0.022	-0.028	0.003	0.006	0.003	-0.002	0.008
	FLAP4C_TS_SIN	0.000	-0.001	0.002	-1.480	0.000	-0.002	-0.002	-0.011	0.016	-0.090	0.000	-0.002	0.006	0.017	-0.001	-0.030
	FLAP5C_TS_COS	0.062	0.000	0.001	-0.055	-0.003	0.001	0.001	0.024	0.017	-0.032	-0.020	0.003	0.005	0.016	-0.002	-0.006
	FLAP5C_TS_SIN	0.000	0.000	-0.001	-1.479	0.002	0.000	0.000	0.014	-0.001	-0.102	0.002	0.002	0.004	0.011	-0.001	-0.012
RUN	POINT	Harmonics	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	85	0															
	FLAP1C_TS_COS	0.021	0.000	0.004	-0.060	-0.001	0.000	0.000	0.041	0.002	-0.017	-0.014	0.005	0.003	0.013	-0.009	-0.011
	FLAP1C_TS_SIN	0.000	-0.001	-0.001	-1.478	0.003	0.000	0.000	0.019	0.014	-0.074	-0.004	0.006	0.018	0.013	0.004	-0.007
	FLAP2C_TS_COS	0.030	0.001	0.006	-0.057	0.001	0.000	0.001	0.034	0.026	0.018	-0.019	-0.003	0.003	0.011	0.000	0.004
	FLAP2C_TS_SIN	0.000	-0.001	-0.001	-1.479	0.002	0.001	0.001	-0.012	0.009	-0.088	0.015	0.003	0.002	0.005	0.001	-0.020
	FLAP3C_TS_COS	-0.063	0.000	0.005	-0.058	0.002	0.000	-0.002	0.024	0.021	-0.017	-0.015	0.007	-0.001	0.003	0.002	-0.001
	FLAP3C_TS_SIN	0.000	0.000	0.001	-1.473	0.000	0.000	0.000	-0.009	-0.002	-0.076	-0.001	0.009	0.008	0.000	-0.010	-0.004
	FLAP4C_TS_COS	-0.022	0.000	0.004	-0.059	-0.002	0.000	0.000	0.036	0.029	0.024	-0.026	0.006	0.008	0.004	-0.005	0.008
	FLAP4C_TS_SIN	0.000	-0.001	0.002	-1.481	0.000	0.000	0.000	-0.016	0.016	-0.092	0.006	-0.002	0.006	0.012	-0.001	-0.031
	FLAP5C_TS_COS	0.059	0.001	0.004	-0.060	-0.002	0.000	0.000	0.016	0.014	-0.033	-0.016	0.008	0.007	0.017	-0.004	-0.006
	FLAP5C_TS_SIN	0.000	0.000	0.000	-1.479	0.000	-0.002	0.001	0.011	0.000	-0.098	0.006	0.004	0.005	0.005	-0.003	-0.012

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
49	POINT 86	FLAP1C_TS_COS	0.024	-0.001	0.002	-0.056	0.000	-0.003	0.001	0.043	0.007	-0.016	-0.014	0.003	0.001	0.013	-0.007	-0.008
		FLAP1C_TS_SIN	0.000	0.000	-0.003	-1.475	0.003	0.000	-0.001	0.023	0.011	-0.077	-0.010	0.005	0.021	0.017	0.007	-0.006
		FLAP2C_TS_COS	0.035	0.001	0.004	-0.055	0.001	-0.002	0.002	0.038	0.028	0.019	-0.021	-0.005	-0.001	0.011	0.001	0.005
		FLAP2C_TS_SIN	0.000	-0.001	-0.002	-1.476	0.002	0.001	-0.001	-0.006	0.008	-0.091	0.012	0.002	0.004	0.009	0.005	-0.020
		FLAP3C_TS_COS	-0.060	0.000	0.004	-0.054	0.002	-0.001	0.000	0.024	0.023	-0.017	-0.017	0.006	-0.004	0.003	0.003	0.001
		FLAP3C_TS_SIN	0.000	0.001	0.001	-1.472	-0.001	0.000	0.000	-0.008	-0.003	-0.078	-0.004	0.008	0.009	0.003	-0.010	-0.005
		FLAP4C_TS_COS	-0.018	0.000	0.002	-0.057	0.001	-0.001	0.002	0.043	0.035	0.026	-0.029	0.003	0.005	0.006	-0.002	0.010
		FLAP4C_TS_SIN	0.000	0.000	0.000	-1.479	-0.001	0.002	-0.001	-0.014	0.017	-0.092	0.004	-0.004	0.007	0.016	0.003	-0.031
49	POINT 87	FLAP5C_TS_COS	0.062	0.001	0.001	-0.055	-0.001	-0.001	0.001	0.020	0.016	-0.034	-0.015	0.003	0.003	0.016	-0.003	-0.006
		FLAP5C_TS_SIN	0.000	0.000	0.000	-1.477	0.001	0.000	0.000	0.014	-0.003	-0.102	-0.002	0.003	0.005	0.009	0.001	-0.012
		FLAP1C_TS_COS	0.025	-0.001	-0.002	-0.062	0.000	0.000	0.001	0.042	0.010	-0.015	-0.016	0.003	0.001	0.014	-0.004	-0.007
		FLAP1C_TS_SIN	0.000	0.001	-0.002	-1.476	0.002	0.001	-0.001	0.022	0.009	-0.074	-0.008	0.006	0.018	0.016	0.006	-0.004
		FLAP2C_TS_COS	0.034	0.000	-0.001	-0.061	0.002	0.001	0.002	0.038	0.030	0.017	-0.020	-0.007	0.001	0.012	0.002	0.005
		FLAP2C_TS_SIN	0.000	0.000	-0.002	-1.477	0.001	0.000	0.000	-0.007	0.007	-0.090	0.013	0.003	0.001	0.010	0.004	-0.020
		FLAP3C_TS_COS	-0.059	0.000	0.001	-0.060	0.002	0.000	0.000	0.026	0.023	-0.018	-0.014	0.006	-0.004	0.004	0.005	0.004
		FLAP3C_TS_SIN	0.000	0.001	0.001	-1.472	-0.001	0.000	-0.001	-0.008	-0.004	-0.078	-0.002	0.008	0.007	0.002	-0.012	-0.004
49	POINT 88	FLAP4C_TS_COS	-0.018	0.000	-0.002	-0.063	0.000	0.001	0.001	0.041	0.035	0.024	-0.030	0.001	0.006	0.000	0.008	
		FLAP4C_TS_SIN	0.000	0.000	0.002	-1.479	-0.001	0.001	-0.001	-0.013	0.014	-0.089	0.003	-0.005	0.002	0.015	0.000	-0.030
		FLAP5C_TS_COS	0.062	0.000	-0.003	-0.061	-0.001	0.000	0.001	0.021	0.016	-0.035	-0.017	0.002	0.003	0.016	-0.002	-0.007
49	POINT 89	FLAP5C_TS_SIN	0.000	0.000	0.000	-1.478	0.001	0.001	-0.001	0.016	-0.001	0.002	0.004	0.002	0.009	0.000	-0.011	

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
49	POINT 88	FLAP1C_TS_COS	0.023	-0.001	0.001	-0.060	0.001	-0.001	0.001	0.042	0.009	-0.017	-0.015	0.001	-0.001	0.013	-0.004	-0.008
		FLAP1C_TS_SIN	0.000	0.000	-0.003	-1.476	0.001	-0.001	0.023	0.011	-0.076	-0.008	0.006	0.006	0.018	0.016	0.006	-0.005
		FLAP2C_TS_COS	0.034	0.000	0.004	-0.056	0.003	-0.001	0.002	0.038	0.031	0.019	-0.020	-0.008	-0.001	0.013	0.002	0.007
		FLAP2C_TS_SIN	0.000	-0.001	-0.003	-1.475	0.001	0.002	-0.001	-0.009	0.008	-0.090	0.016	0.003	0.002	0.008	0.003	-0.020
		FLAP3C_TS_COS	-0.060	0.000	0.003	-0.056	0.004	-0.001	0.000	0.027	0.025	-0.017	-0.015	0.004	-0.004	0.003	0.003	0.002
		FLAP3C_TS_SIN	0.000	0.000	-0.001	-1.472	-0.001	0.001	-0.001	-0.008	-0.001	-0.078	0.001	0.009	0.008	0.004	-0.010	-0.004
		FLAP4C_TS_COS	-0.019	-0.001	0.002	-0.057	0.001	-0.002	0.001	0.045	0.037	0.025	-0.031	-0.001	0.005	0.006	-0.001	0.009
		FLAP4C_TS_SIN	0.000	-0.001	0.001	-1.479	-0.001	0.002	-0.001	-0.015	0.018	-0.089	0.004	-0.004	0.004	0.016	0.002	-0.030
49	POINT 89	FLAP5C_TS_COS	0.062	0.001	0.001	-0.058	-0.001	0.000	0.001	0.021	0.019	-0.034	-0.017	0.001	0.002	0.016	-0.001	-0.005
		FLAP5C_TS_SIN	0.000	0.000	-0.001	-1.477	0.001	0.001	-0.001	0.014	-0.001	-0.103	0.001	0.002	0.003	0.009	0.001	-0.012
		FLAP1C_TS_COS	0.022	0.000	-0.002	-0.055	-0.001	-0.001	0.002	0.046	0.007	-0.015	-0.014	0.004	0.001	0.014	-0.007	-0.006
		FLAP1C_TS_SIN	0.000	0.001	-0.001	-1.475	0.002	0.001	-0.002	0.022	0.016	-0.075	-0.004	0.008	0.020	0.016	0.006	-0.005
		FLAP2C_TS_COS	0.031	0.000	0.000	-0.052	0.000	0.000	0.002	0.036	0.026	0.019	-0.022	-0.003	-0.001	0.011	-0.001	0.006
		FLAP2C_TS_SIN	0.000	-0.001	-0.001	-1.475	0.001	0.001	0.000	-0.008	0.010	-0.089	0.011	0.003	0.004	0.006	0.004	-0.021
		FLAP3C_TS_COS	-0.062	0.001	0.000	-0.053	0.000	0.000	0.001	0.024	0.021	-0.017	-0.015	0.006	-0.002	0.003	0.002	0.000
		FLAP3C_TS_SIN	0.000	0.001	0.001	-1.472	-0.002	-0.001	0.000	-0.006	-0.001	-0.078	-0.002	0.010	0.008	0.003	-0.009	-0.004
49	POINT 90	FLAP4C_TS_COS	-0.020	0.000	-0.002	-0.053	-0.001	0.001	0.041	0.033	0.026	-0.029	0.004	0.006	0.003	-0.004	0.011	
		FLAP4C_TS_SIN	0.000	0.000	0.002	-1.479	-0.001	0.001	-0.002	-0.015	0.019	-0.091	0.004	-0.004	0.006	0.013	0.001	-0.031
		FLAP5C_TS_COS	0.059	0.000	-0.003	-0.054	-0.002	0.001	0.002	0.018	0.015	-0.035	-0.016	0.005	0.006	0.015	-0.004	-0.006
49	POINT 91	FLAP5C_TS_SIN	0.000	0.000	0.000	-1.477	0.000	0.000	0.000	0.016	0.001	-0.101	0.001	0.005	0.005	0.009	0.000	-0.012

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.024	-0.001	-0.001	-0.060	0.000	-0.001	0.001	0.046	0.006	-0.014	-0.017	0.004	-0.001	0.014	-0.008	-0.006
FLAP1C	TS_SIN	0.000	0.000	-0.003	-1.476	0.002	0.000	-0.001	0.023	0.013	-0.078	-0.008	0.004	0.021	0.016	0.008	-0.005
FLAP2C	TS_COS	0.034	0.000	0.001	-0.059	0.001	0.000	0.002	0.040	0.025	0.022	-0.022	-0.005	-0.003	0.012	-0.001	0.008
FLAP2C	TS_SIN	0.000	-0.001	-0.002	-1.477	0.001	0.000	0.000	-0.004	0.010	-0.095	0.015	0.000	0.005	0.008	0.005	-0.022
FLAP3C	TS_COS	-0.059	0.001	0.002	-0.058	0.001	0.001	0.000	0.028	0.025	-0.014	-0.014	0.006	-0.005	0.005	0.005	0.004
FLAP3C	TS_SIN	0.000	0.000	0.001	-1.473	-0.001	0.000	0.000	-0.009	-0.001	-0.082	0.004	0.008	0.009	0.001	-0.007	-0.004
FLAP4C	TS_COS	-0.018	0.000	0.000	-0.061	-0.001	0.000	0.002	0.045	0.030	0.026	-0.031	0.005	0.005	0.005	-0.004	0.012
FLAP4C	TS_SIN	0.000	-0.001	0.002	-1.479	-0.001	0.000	-0.001	-0.012	0.019	-0.094	0.002	-0.007	0.010	0.014	0.001	-0.031
FLAP5C	TS_COS	0.062	0.001	-0.001	-0.060	-0.002	0.001	0.001	0.025	0.016	-0.033	-0.018	0.003	0.002	0.019	-0.004	-0.004
FLAP5C	TS_SIN	0.000	0.000	-0.001	-1.478	0.001	-0.001	0.000	0.011	0.001	-0.106	0.006	0.001	0.005	0.007	0.002	-0.013
RUN	POINT	Harmonics															
49	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.023	-0.001	-0.002	-0.061	-0.001	-0.001	0.002	0.043	0.009	-0.016	-0.017	0.000	-0.001	0.012	-0.005	-0.007
FLAP1C	TS_SIN	0.000	0.001	-0.002	-1.475	0.005	0.002	-0.001	0.023	0.013	-0.077	-0.004	0.006	0.018	0.015	0.006	-0.004
FLAP2C	TS_COS	0.033	0.000	0.000	-0.060	0.000	-0.001	0.004	0.036	0.033	0.019	-0.022	-0.008	0.000	0.011	0.003	0.007
FLAP2C	TS_SIN	0.000	0.001	-0.001	-1.476	0.004	0.000	0.000	-0.013	0.010	-0.093	0.019	0.001	0.002	0.006	0.005	-0.021
FLAP3C	TS_COS	-0.060	0.000	0.001	-0.060	0.000	-0.001	0.001	0.026	0.025	-0.020	-0.017	0.004	-0.004	0.002	0.005	0.001
FLAP3C	TS_SIN	0.000	0.001	0.001	-1.472	0.000	-0.001	-0.001	-0.009	0.001	-0.078	-0.001	0.007	0.008	-0.001	-0.010	-0.005
FLAP4C	TS_COS	-0.019	-0.001	-0.002	-0.062	-0.002	-0.002	0.003	0.041	0.037	0.026	-0.032	0.000	0.005	0.005	-0.001	0.010
FLAP4C	TS_SIN	0.000	0.001	0.001	-1.479	0.001	0.001	0.000	-0.019	0.018	-0.091	0.007	-0.006	0.005	0.012	0.003	-0.030
FLAP5C	TS_COS	0.061	0.000	-0.003	-0.061	-0.003	0.000	0.003	0.021	0.019	-0.036	-0.020	0.001	0.003	0.016	-0.002	-0.006
FLAP5C	TS_SIN	0.000	0.001	0.000	-1.478	0.002	0.000	0.000	0.014	0.000	-0.103	0.003	0.002	0.003	0.008	0.001	-0.012

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	92	0.023	-0.001	-0.002	-0.063	-0.002	0.001	0.001	0.047	0.010	-0.014	-0.017	0.002	-0.001	0.014	-0.007	-0.006
		0.000	0.001	-0.001	-1.476	0.002	-0.001	0.000	0.022	0.012	-0.078	-0.008	0.005	0.020	0.017	0.006	-0.006
		0.033	-0.001	0.001	-0.061	0.000	0.002	0.001	0.043	0.030	0.021	-0.022	-0.005	-0.002	0.013	0.001	0.007
		0.000	-0.001	-0.001	-1.476	0.001	0.000	0.000	-0.007	0.008	-0.092	0.014	0.001	0.003	0.010	0.006	-0.021
		-0.061	-0.001	0.001	-0.060	0.000	0.001	0.000	0.028	0.025	-0.016	-0.015	0.004	-0.004	0.005	0.006	0.003
		0.000	0.001	0.001	-1.473	-0.002	0.000	0.000	-0.009	-0.003	-0.081	0.000	0.008	0.009	0.003	-0.009	-0.003
		-0.019	0.000	-0.002	-0.064	-0.002	0.000	0.002	0.047	0.035	0.028	-0.031	0.001	0.006	0.008	-0.001	0.011
		0.000	-0.001	0.002	-1.479	-0.002	0.000	-0.001	-0.012	0.017	-0.092	0.003	-0.006	0.005	0.017	0.003	-0.030
		0.060	0.000	-0.003	-0.061	-0.003	0.002	0.001	0.023	0.019	-0.033	-0.017	0.003	0.002	0.017	-0.001	-0.005
		0.000	0.000	0.000	-1.478	-0.001	-0.001	0.001	0.014	-0.001	-0.105	0.002	0.002	0.004	0.011	0.001	-0.011
49	93	0.023	0.000	-0.004	-0.055	0.000	-0.001	0.001	0.041	0.009	-0.012	-0.017	0.004	0.001	0.013	-0.005	-0.007
		0.000	0.000	-0.002	-1.476	0.002	0.000	-0.001	0.018	0.012	-0.076	-0.005	0.006	0.019	0.015	0.007	-0.006
		0.032	0.001	-0.002	-0.054	0.001	0.000	0.003	0.035	0.028	0.019	-0.020	-0.006	0.000	0.012	0.002	0.006
		0.000	-0.001	-0.001	-1.477	0.002	-0.001	0.000	-0.010	0.008	-0.091	0.013	0.003	0.002	0.007	0.003	-0.021
		-0.061	0.001	0.000	-0.053	0.001	0.001	0.000	0.026	0.025	-0.014	-0.015	0.004	-0.004	0.003	0.004	0.002
		0.000	0.000	0.001	-1.472	-0.001	-0.001	-0.001	-0.012	-0.001	-0.079	0.001	0.009	0.009	0.001	-0.010	-0.005
		-0.020	0.001	-0.003	-0.055	-0.001	0.000	0.002	0.040	0.032	0.027	-0.028	0.004	0.007	0.005	-0.003	0.011
		0.000	-0.001	0.002	-1.479	-0.001	0.000	-0.001	-0.015	0.017	-0.091	0.001	-0.003	0.007	0.015	0.001	-0.031
		0.060	0.001	-0.004	-0.054	-0.002	0.000	0.002	0.021	0.015	-0.034	-0.018	0.002	0.003	0.016	-0.003	-0.007
		0.000	0.000	0.000	-1.478	0.000	-0.001	0.000	0.015	0.001	-0.101	0.000	0.004	0.004	0.008	0.000	-0.013

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	94	0.024	0.001	0.000	-0.064	-0.002	-0.002	0.002	0.039	0.008	-0.014	-0.014	0.004	0.001	0.012	-0.006	-0.009
		0.000	0.001	-0.001	-1.474	0.003	0.000	-0.002	0.025	0.013	-0.073	-0.001	0.009	0.018	0.014	0.005	-0.004
		0.034	0.001	0.002	-0.061	0.000	0.000	0.003	0.030	0.026	0.018	-0.020	-0.003	0.002	0.009	0.001	0.007
		0.000	-0.001	0.000	-1.475	0.002	0.001	0.000	-0.005	0.007	-0.090	0.013	0.003	0.002	0.007	0.001	-0.021
		-0.060	0.001	0.003	-0.062	0.001	0.000	0.001	0.021	0.024	-0.015	-0.014	0.006	-0.004	0.001	0.005	0.002
		0.000	0.001	0.001	-1.471	-0.001	-0.001	-0.001	-0.006	-0.002	-0.079	0.004	0.010	0.008	0.001	-0.010	-0.003
		-0.019	0.001	0.001	-0.063	-0.003	-0.001	0.003	0.035	0.032	0.024	-0.029	0.005	0.007	0.002	-0.002	0.009
		0.000	0.000	0.004	-1.477	-0.001	-0.001	-0.003	-0.012	0.017	-0.089	0.004	-0.003	0.006	0.012	0.000	-0.030
		0.062	0.001	0.000	-0.063	-0.002	0.000	0.002	0.015	0.015	-0.035	-0.015	0.005	0.006	0.015	-0.003	-0.006
		0.000	0.000	0.001	-1.476	0.000	0.000	0.000	0.017	-0.002	-0.100	0.007	0.004	0.003	0.008	-0.002	-0.012
49	95	0.024	0.001	-0.002	-0.064	-0.001	0.000	0.002	0.049	0.009	-0.016	-0.019	0.003	-0.001	0.015	-0.007	-0.008
		0.000	0.001	-0.002	-1.477	0.005	0.000	-0.001	0.019	0.015	-0.076	-0.009	0.007	0.021	0.016	0.010	-0.005
		0.034	0.000	-0.001	-0.061	0.001	-0.001	0.003	0.040	0.029	0.019	-0.024	-0.005	-0.001	0.012	0.000	0.006
		0.000	0.001	-0.002	-1.477	0.004	-0.001	0.000	-0.011	0.011	-0.094	0.013	0.000	0.004	0.007	0.007	-0.022
		-0.060	0.000	0.001	-0.062	0.002	-0.001	0.001	0.029	0.026	-0.016	-0.016	0.005	-0.004	0.004	0.004	0.002
		0.000	0.002	0.001	-1.473	0.000	-0.001	-0.001	-0.013	0.000	-0.081	0.003	0.008	0.010	0.001	-0.008	-0.007
		-0.019	0.000	-0.002	-0.061	-0.001	-0.002	0.002	0.046	0.035	0.026	-0.032	0.003	0.006	0.008	-0.003	0.009
		0.000	0.000	0.001	-1.480	0.001	0.001	-0.001	-0.019	0.020	-0.090	0.004	-0.004	0.006	0.015	0.003	-0.031
		0.062	-0.001	-0.003	-0.063	-0.002	0.000	0.002	0.025	0.017	-0.036	-0.020	0.002	0.002	0.017	-0.005	-0.007
		0.000	0.002	-0.001	-1.479	0.003	0.000	0.000	0.009	0.002	-0.106	0.003	0.002	0.005	0.007	0.003	-0.014

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	96	0.023	0.000	0.000	-0.060	0.001	-0.002	0.002	0.039	0.005	-0.014	-0.014	0.003	0.001	0.011	-0.007	-0.007
		0.000	0.000	-0.002	-1.476	0.005	0.000	-0.002	0.026	0.010	-0.074	-0.009	0.006	0.017	0.017	0.006	-0.004
		0.034	0.001	0.001	-0.058	0.004	-0.002	0.002	0.037	0.029	0.023	-0.022	-0.006	0.001	0.011	0.002	0.006
		0.000	0.000	-0.002	-1.477	0.005	0.001	-0.001	-0.006	0.009	-0.089	0.017	0.001	0.001	0.009	0.005	-0.020
		-0.060	0.001	0.002	-0.058	0.003	-0.001	0.000	0.025	0.024	-0.014	-0.012	0.005	-0.003	0.002	0.005	0.002
		0.000	0.001	0.001	-1.473	0.000	0.001	-0.001	-0.006	-0.001	-0.078	0.001	0.009	0.008	0.004	-0.008	-0.002
		-0.018	0.001	0.000	-0.061	0.001	-0.002	0.001	0.044	0.034	0.027	-0.030	0.001	0.005	0.004	-0.002	0.008
		0.000	0.000	0.003	-1.479	0.002	0.003	-0.002	-0.012	0.018	-0.087	0.005	-0.005	0.003	0.016	0.001	-0.028
		0.061	0.001	-0.001	-0.059	0.000	0.000	0.002	0.020	0.015	-0.033	-0.014	0.003	0.005	0.016	-0.002	-0.006
		0.000	0.001	0.000	-1.477	0.002	0.001	-0.001	0.015	-0.001	-0.100	0.003	0.003	0.002	0.009	0.000	-0.010
49	97	0.020	-0.001	-0.002	-0.054	-0.002	-0.001	0.002	0.037	0.008	-0.009	-0.011	0.004	0.001	0.013	-0.004	-0.006
		0.000	0.001	-0.001	-1.476	0.003	0.000	-0.001	0.020	0.010	-0.079	-0.003	0.009	0.018	0.014	0.007	-0.007
		0.031	0.000	0.000	-0.052	0.000	0.000	0.002	0.036	0.031	0.027	-0.022	-0.006	0.001	0.011	0.003	0.009
		0.000	0.000	-0.002	-1.476	0.002	0.001	0.000	-0.011	0.008	-0.094	0.018	0.001	0.001	0.005	0.002	-0.022
		-0.062	0.000	0.001	-0.051	0.001	0.000	0.000	0.024	0.025	-0.013	-0.013	0.004	-0.003	0.003	0.006	0.001
		0.000	0.001	0.001	-1.472	-0.001	0.001	0.000	-0.014	-0.002	-0.081	0.001	0.008	0.007	-0.001	-0.008	-0.006
		-0.022	0.000	-0.001	-0.054	-0.002	0.000	0.002	0.038	0.032	0.028	-0.027	0.004	0.005	0.002	-0.001	0.011
		0.000	0.000	0.003	-1.479	-0.001	0.001	-0.001	-0.016	0.016	-0.093	0.005	-0.003	0.006	0.010	0.000	-0.029
		0.059	0.000	-0.003	-0.053	-0.002	0.001	0.002	0.019	0.017	-0.030	-0.015	0.004	0.006	0.018	0.000	-0.004
		0.000	0.001	0.000	-1.478	0.000	0.000	0.000	0.010	-0.002	-0.105	0.005	0.004	0.003	0.006	-0.001	-0.014

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	98	0.022	0.000	-0.001	-0.001	-0.001	-0.001	-0.001	0.008	0.003	-0.001	0.002	0.002	0.002	0.001	-0.001	-0.003
		0.000	-0.001	0.001	0.001	0.000	0.000	0.000	0.003	0.007	0.002	-0.003	0.000	0.001	0.002	0.001	-0.001
		0.033	0.001	-0.001	0.000	-0.001	-0.001	-0.001	0.006	0.003	-0.002	-0.005	-0.001	0.002	0.002	-0.001	-0.001
		0.000	0.000	0.000	0.001	0.000	-0.001	-0.001	0.003	0.008	0.007	0.003	-0.001	0.000	0.001	-0.001	-0.002
		-0.062	0.000	-0.001	-0.001	-0.001	0.000	0.000	0.006	0.001	-0.001	-0.001	0.001	0.001	0.001	0.000	0.000
		0.000	0.000	0.000	0.001	-0.001	-0.001	-0.001	0.002	0.005	0.002	0.001	0.001	0.001	-0.001	-0.003	-0.002
		-0.019	0.001	-0.001	0.000	-0.001	0.000	-0.001	0.002	0.001	-0.001	0.001	0.001	0.002	0.001	0.000	-0.001
		0.000	0.000	0.001	0.001	-0.001	0.000	0.000	0.002	0.005	0.002	0.004	0.002	0.002	0.000	-0.002	-0.002
		0.061	0.000	0.000	-0.001	0.000	-0.001	0.000	0.002	0.000	-0.001	0.000	0.000	0.000	0.000	-0.001	0.000
		0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	0.002	0.003	0.001	0.000	0.001	0.001	0.001	0.000	-0.001
49	99		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		0.023	0.000	0.001	0.001	0.000	0.000	0.000	0.007	0.002	0.000	0.002	0.003	0.002	0.001	-0.002	-0.003
		0.000	-0.001	0.001	0.000	0.001	0.000	0.000	0.004	0.008	0.002	-0.002	0.000	0.000	0.000	0.001	-0.001
		0.032	-0.001	0.001	0.000	0.001	0.000	0.000	0.006	0.003	-0.001	-0.004	-0.001	0.002	0.002	-0.001	-0.002
		0.000	0.000	0.000	-0.001	0.001	0.000	0.000	0.003	0.009	0.008	0.004	0.000	-0.001	0.000	-0.001	-0.002
		-0.059	0.000	0.001	0.000	0.000	0.000	0.000	0.005	0.001	0.000	0.000	0.002	0.002	0.001	0.000	-0.001
		0.000	-0.001	0.000	-0.001	0.001	0.000	0.000	0.002	0.005	0.002	0.001	0.000	0.001	-0.001	-0.002	-0.002
		-0.021	0.000	0.001	0.000	0.000	0.000	0.000	0.004	0.001	-0.002	0.001	0.002	0.003	0.000	-0.001	-0.002
		0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.002	0.007	0.002	0.003	0.000	0.001	0.000	-0.002	-0.002
		0.061	0.001	0.001	0.000	0.000	0.000	0.000	0.000	-0.002	-0.002	0.000	0.001	0.001	0.000	-0.001	-0.001
		0.000	-0.001	0.000	-0.001	0.000	0.000	0.000	0.003	0.003	0.001	0.000	0.001	0.001	0.001	-0.001	-0.001



RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
49	POINT 102	FLAP1C_TS_COS	0.023	0.000	0.001	0.001	0.000	0.000	-0.001	0.000	0.007	0.002	-0.001	0.002	0.002	0.001	-0.001	-0.003
		FLAP1C_TS_SIN	0.000	0.000	-0.001	0.000	0.001	-0.001	0.004	0.007	0.002	-0.002	0.000	0.001	0.001	0.001	0.001	-0.001
		FLAP2C_TS_COS	0.035	0.000	0.001	0.000	0.000	-0.001	0.001	0.005	0.003	-0.002	-0.004	-0.001	0.002	0.002	-0.001	-0.001
		FLAP2C_TS_SIN	0.000	0.001	-0.001	0.000	0.000	0.000	0.003	0.008	0.008	0.003	0.003	0.000	-0.001	0.000	-0.002	-0.002
		FLAP3C_TS_COS	-0.059	0.000	0.001	0.000	0.000	0.001	0.004	0.000	0.000	-0.001	-0.001	0.001	0.001	0.001	0.000	0.000
		FLAP3C_TS_SIN	0.000	0.001	0.000	0.000	0.000	-0.001	0.000	0.003	0.005	0.002	0.001	0.000	0.001	-0.001	-0.002	-0.002
		FLAP4C_TS_COS	-0.017	0.000	0.001	0.000	0.000	-0.001	0.001	0.002	0.001	-0.002	0.001	0.001	0.003	0.001	-0.001	-0.002
		FLAP4C_TS_SIN	0.000	0.001	-0.001	0.000	0.001	0.000	-0.001	0.002	0.006	0.003	0.004	0.001	0.001	-0.001	-0.002	-0.002
49	POINT 103	FLAP5C_TS_COS	0.064	-0.001	0.001	0.000	0.000	0.001	0.001	0.001	-0.002	-0.002	-0.001	0.001	0.001	0.000	-0.001	0.000
		FLAP5C_TS_SIN	0.000	0.001	-0.001	0.000	0.001	0.000	0.000	0.003	0.003	0.001	-0.001	0.000	0.001	0.001	-0.001	-0.001
		Harmonics																
		FLAP1C_TS_COS	0.025	0.000	0.001	0.000	0.000	0.000	0.006	0.002	-0.001	0.001	0.002	0.002	0.002	0.001	-0.001	-0.002
		FLAP1C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.007	0.002	-0.002	0.000	0.001	0.001	0.001	0.001	-0.002
		FLAP2C_TS_COS	0.035	0.000	0.001	-0.001	0.000	0.000	0.000	0.006	0.004	-0.001	-0.004	-0.001	0.002	0.002	-0.001	-0.001
		FLAP2C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.001	0.003	0.008	0.008	0.004	0.004	0.000	-0.001	0.000	-0.002	-0.002
		FLAP3C_TS_COS	-0.059	0.000	0.001	0.000	0.000	0.000	0.004	0.000	0.004	-0.001	-0.001	0.001	0.001	0.001	0.000	0.000
49	POINT 103	FLAP3C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.004	0.002	0.001	0.000	0.001	0.001	0.000	-0.002	-0.002
		FLAP4C_TS_COS	-0.017	0.000	0.001	0.000	0.000	0.000	0.000	0.002	0.001	-0.001	0.001	0.001	0.003	0.001	-0.001	-0.001
		FLAP4C_TS_SIN	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.006	0.003	0.003	0.001	0.001	-0.001	-0.002	-0.002
		FLAP5C_TS_COS	0.063	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	0.000	0.001	0.000	0.000	-0.001	0.000
		FLAP5C TS SIN	0.000	0.000	0.000	0.000	0.000	0.001	0.003	0.003	0.001	-0.001	0.000	0.001	0.001	0.001	0.000	-0.001

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	104																
		0.024	0.000	0.001	0.000	0.000	0.000	0.000	0.007	0.001	-0.001	0.001	0.003	0.001	0.001	-0.001	-0.002
		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.008	0.003	-0.003	0.000	0.000	0.001	0.001	-0.001
		0.033	0.000	0.001	0.000	0.000	0.000	0.000	0.005	0.003	-0.001	-0.004	-0.001	0.002	0.001	-0.001	-0.001
		0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.003	0.008	0.008	0.004	0.000	0.000	0.000	-0.002	-0.002
		-0.061	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	-0.001	-0.001	0.001	0.001	0.001	0.000	0.000
		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.004	0.002	0.001	0.001	0.001	-0.001	-0.002	-0.002
		-0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.001	-0.002	0.001	0.001	0.002	0.001	-0.001	-0.001
		0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.007	0.003	0.003	0.001	0.001	-0.001	-0.002	-0.002
		0.062	0.000	0.001	0.000	0.000	-0.001	0.000	0.000	-0.001	-0.001	0.000	0.001	0.000	0.000	-0.001	0.000
		0.000	0.001	0.001	0.000	0.000	-0.001	-0.001	0.002	0.003	0.001	0.000	0.001	0.001	0.001	0.000	-0.001
49	105																
		0.026	0.001	-0.002	-0.001	-0.001	0.000	0.000	0.007	0.002	-0.001	0.001	0.002	0.001	0.001	-0.001	-0.002
		0.000	-0.001	0.000	0.001	0.000	-0.001	0.000	0.004	0.007	0.003	-0.002	0.000	0.000	0.001	0.001	-0.001
		0.036	0.001	-0.001	-0.001	0.000	-0.001	0.000	0.006	0.003	-0.002	-0.004	-0.001	0.001	0.001	-0.001	-0.001
		0.000	-0.001	0.000	0.001	0.000	0.000	-0.001	0.003	0.009	0.008	0.003	0.000	-0.001	0.000	-0.002	-0.002
		-0.058	0.001	-0.001	-0.001	0.000	0.000	0.000	0.003	0.000	-0.001	0.000	0.001	0.001	0.001	0.000	-0.001
		0.000	0.000	0.001	0.001	-0.001	0.000	0.000	0.002	0.004	0.002	0.001	0.000	0.001	0.000	-0.002	-0.002
		-0.015	0.000	-0.001	-0.001	0.000	-0.001	0.000	0.003	0.001	-0.001	0.001	0.001	0.002	0.001	-0.001	-0.002
		0.000	0.000	0.000	0.001	0.000	0.000	-0.001	0.002	0.006	0.003	0.004	0.001	0.001	0.001	-0.001	-0.002
		0.063	0.001	-0.001	-0.001	0.000	0.000	0.000	0.001	-0.001	-0.001	0.000	0.001	0.001	0.000	0.000	0.000
		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.003	0.001	0.000	0.000	0.001	0.001	0.000	-0.001



RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
49	108																
	FLAP1C_TS_COS	0.026	0.000	-0.002	0.000	-0.002	0.000	0.000	0.007	0.002	-0.002	0.002	0.001	0.001	0.001	-0.001	-0.002
	FLAP1C_TS_SIN	0.000	0.001	0.000	-0.001	0.000	-0.001	0.000	0.004	0.007	0.002	-0.002	0.000	0.001	0.001	0.001	-0.001
	FLAP2C_TS_COS	0.035	0.001	-0.001	0.000	-0.001	0.000	0.000	0.005	0.003	-0.002	-0.004	-0.001	0.001	0.001	-0.001	-0.001
	FLAP2C_TS_SIN	0.000	0.001	0.000	-0.001	-0.001	0.000	0.000	0.003	0.008	0.007	0.003	0.000	0.000	0.000	-0.002	-0.002
	FLAP3C_TS_COS	-0.059	0.000	-0.001	0.000	-0.001	0.000	0.000	0.003	0.000	-0.002	-0.001	0.000	0.001	0.001	0.001	0.000
	FLAP3C_TS_SIN	0.000	0.001	-0.001	-0.001	0.000	0.000	0.000	0.002	0.003	0.001	0.000	0.001	0.001	0.000	-0.002	-0.002
	FLAP4C_TS_COS	-0.015	0.002	-0.001	0.000	-0.001	0.000	0.000	0.004	0.001	-0.002	0.000	0.000	0.002	0.000	0.000	-0.002
	FLAP4C_TS_SIN	0.000	0.001	0.000	-0.001	0.000	0.000	-0.001	0.002	0.006	0.003	0.003	0.001	0.001	-0.001	-0.002	-0.002
	FLAP5C_TS_COS	0.064	-0.001	-0.001	0.000	-0.001	0.000	0.000	0.001	-0.001	-0.002	0.000	0.001	0.000	0.000	-0.001	0.000
	FLAP5C_TS_SIN	0.000	0.002	0.000	-0.001	0.000	0.000	0.000	0.002	0.003	0.001	-0.001	0.000	0.001	0.001	0.000	-0.001
RUN	POINT	Harmonics															
49	109																
	FLAP1C_TS_COS	0.028	0.000	-0.001	0.000	0.000	0.000	0.000	0.007	0.001	-0.002	0.002	0.002	0.001	0.001	-0.001	-0.002
	FLAP1C_TS_SIN	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.005	0.007	0.002	-0.003	0.000	0.001	0.001	0.001	-0.001
	FLAP2C_TS_COS	0.037	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.002	-0.002	-0.004	-0.001	0.002	0.002	-0.002	-0.001
	FLAP2C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.003	0.008	0.008	0.003	-0.001	-0.001	0.000	-0.001	-0.002
	FLAP3C_TS_COS	-0.057	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	-0.001	-0.001	0.000	0.001	0.001	0.000	0.000
	FLAP3C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.004	0.002	0.001	0.001	0.001	0.000	-0.002	-0.002
	FLAP4C_TS_COS	-0.014	0.001	0.000	0.000	0.001	0.000	0.000	0.002	0.000	-0.002	0.000	0.001	0.002	0.001	-0.001	-0.001
	FLAP4C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.002	0.006	0.003	0.003	0.001	0.001	0.000	-0.002	-0.003
	FLAP5C_TS_COS	0.065	0.000	-0.001	0.000	0.000	0.000	0.000	0.001	-0.001	-0.002	-0.001	0.000	0.000	0.000	-0.001	0.000
	FLAP5C TS SIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.001	-0.001	0.000	0.001	0.001	0.000	-0.001



RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
49	112	FLAP1C_TS_COS	0.024	0.000	0.001	-0.001	-0.001	0.000	0.000	0.007	0.002	-0.001	0.002	0.002	0.002	0.001	-0.002	-0.002
		FLAP1C_TS_SIN	0.000	0.000	0.000	0.000	0.000	-0.001	0.000	0.005	0.007	0.002	-0.002	-0.001	0.001	0.001	0.001	-0.001
		FLAP2C_TS_COS	0.034	0.000	0.001	0.000	0.000	0.000	0.000	0.006	0.003	-0.001	-0.005	-0.001	0.001	0.001	-0.001	-0.001
		FLAP2C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.009	0.009	0.008	0.004	0.000	0.000	0.000	-0.002	-0.002
		FLAP3C_TS_COS	-0.059	0.000	0.001	0.000	0.000	0.000	0.000	0.004	0.000	-0.001	-0.001	0.001	0.001	0.001	0.001	0.000
		FLAP3C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.004	0.001	0.001	0.000	0.001	0.000	-0.001	-0.001
		FLAP4C_TS_COS	-0.017	0.000	0.001	0.000	-0.001	0.000	0.000	0.004	0.001	-0.001	0.000	0.000	0.002	0.000	-0.001	-0.002
		FLAP4C_TS_SIN	0.000	0.000	-0.001	0.000	0.000	0.000	0.000	0.002	0.006	0.003	0.003	0.001	0.001	-0.001	-0.002	-0.003
49	113	FLAP5C_TS_COS	0.063	0.000	0.001	0.001	0.000	0.000	0.000	0.001	-0.001	-0.002	0.000	0.001	0.001	0.000	-0.001	0.000
		FLAP5C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.003	0.001	-0.001	0.000	0.001	0.001	0.000	-0.001
		RUN	POINT	Harmonics														
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		FLAP1C_TS_COS	0.022	0.000	0.002	0.001	0.000	0.000	0.000	0.007	0.002	-0.001	0.002	0.002	0.001	0.001	-0.002	-0.002
		FLAP1C_TS_SIN	0.000	0.001	0.000	0.000	0.001	0.000	0.000	0.004	0.007	0.002	-0.002	0.000	0.000	0.001	0.001	-0.001
		FLAP2C_TS_COS	0.032	-0.001	0.002	0.000	0.000	0.000	0.000	0.005	0.002	-0.002	-0.004	-0.001	0.001	0.001	-0.002	-0.001
		FLAP2C_TS_SIN	0.000	0.002	0.000	-0.001	0.001	0.000	0.000	0.004	0.008	0.008	0.003	0.000	0.000	0.000	-0.002	-0.002
49	113	FLAP3C_TS_COS	-0.060	-0.001	0.001	0.000	0.000	0.000	0.000	0.003	0.000	-0.001	-0.001	0.001	0.001	0.001	0.000	0.000
		FLAP3C_TS_SIN	0.000	0.001	0.000	0.000	0.001	0.001	0.000	0.001	0.003	0.002	0.001	0.000	0.001	0.000	-0.002	-0.002
		FLAP4C_TS_COS	-0.021	0.000	0.001	0.001	0.000	0.000	0.000	0.003	0.001	-0.002	0.001	0.001	0.002	0.000	-0.002	-0.002
		FLAP4C_TS_SIN	0.000	0.001	0.000	0.000	0.001	0.000	0.000	0.002	0.006	0.003	0.003	0.001	0.001	0.000	-0.002	-0.002
		FLAP5C_TS_COS	0.062	-0.001	0.001	0.001	0.000	-0.001	-0.001	0.001	-0.001	-0.001	0.000	0.001	0.001	0.000	-0.001	0.000
		FLAP5C_TS_SIN	0.000	-0.001	0.000	0.000	0.001	0.000	-0.001	0.002	0.003	0.001	0.000	0.000	0.001	0.001	0.000	-0.001

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.032	0.001	-0.002	0.001	0.000	0.000	0.000	0.003	-0.001	-0.001	0.001	0.003	0.002	0.000	-0.001	-0.001
	FLAP1C_TS_SIN	0.000	0.001	-0.001	0.000	0.001	-0.001	-0.001	0.002	0.001	0.000	-0.002	0.000	0.002	0.003	0.001	-0.001
	FLAP2C_TS_COS	0.044	-0.001	-0.002	0.002	0.000	0.000	0.000	-0.001	-0.005	-0.006	-0.004	0.000	0.003	0.003	0.001	-0.001
	FLAP2C_TS_SIN	0.000	0.001	-0.001	0.001	0.001	-0.001	-0.001	0.001	0.002	0.001	-0.001	-0.001	-0.001	0.000	-0.001	0.000
	FLAP3C_TS_COS	-0.054	0.000	-0.003	0.001	0.000	-0.001	0.000	0.000	-0.002	-0.003	-0.001	0.000	0.002	0.002	0.001	0.001
	FLAP3C_TS_SIN	0.000	0.001	-0.001	0.001	0.001	0.000	0.000	0.000	0.001	0.002	0.002	0.002	0.001	0.000	-0.001	-0.001
	FLAP4C_TS_COS	-0.012	-0.001	-0.003	0.001	0.000	0.000	0.000	0.000	-0.003	-0.004	-0.003	0.000	0.003	0.003	0.002	0.000
	FLAP4C_TS_SIN	0.000	0.002	-0.001	0.000	0.002	0.000	0.000	0.001	0.002	0.001	0.001	0.000	0.000	-0.001	-0.001	0.000
	FLAP5C_TS_COS	0.067	-0.001	0.000	-0.001	0.000	0.001	0.001	0.001	-0.001	-0.002	0.000	0.001	0.001	0.000	-0.001	-0.001
	FLAP5C_TS_SIN	0.000	0.002	-0.002	0.001	0.001	-0.001	-0.001	-0.001	0.000	0.000	0.001	0.001	0.001	-0.001	-0.002	-0.001
RUN	POINT	Harmonics															
52	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.026	0.000	-0.001	0.001	0.001	0.000	-0.001	0.002	0.000	0.000	0.002	0.002	0.002	0.000	-0.001	-0.001
	FLAP1C_TS_SIN	0.000	0.000	-0.001	-0.001	0.001	0.001	-0.001	0.002	0.001	0.000	-0.002	0.000	0.002	0.002	0.001	0.000
	FLAP2C_TS_COS	0.036	-0.002	0.000	0.000	0.000	0.000	0.000	0.000	-0.004	-0.005	-0.004	0.001	0.003	0.003	0.000	-0.001
	FLAP2C_TS_SIN	0.000	0.002	-0.001	-0.001	0.001	0.000	-0.001	0.002	0.003	0.002	-0.001	-0.001	-0.001	0.000	-0.001	0.000
	FLAP3C_TS_COS	-0.057	-0.001	-0.001	0.001	0.001	0.000	0.000	0.000	-0.002	-0.002	-0.001	0.001	0.002	0.001	0.001	0.001
	FLAP3C_TS_SIN	0.000	0.001	-0.001	-0.001	0.001	0.000	0.000	0.001	0.002	0.002	0.002	0.002	0.001	0.000	-0.001	0.000
	FLAP4C_TS_COS	-0.014	0.000	-0.001	0.002	0.001	-0.001	0.000	0.000	-0.002	-0.003	-0.002	0.000	0.002	0.002	0.001	0.000
	FLAP4C_TS_SIN	0.000	0.001	-0.001	0.000	0.001	0.000	-0.001	0.001	0.002	0.002	0.002	0.000	0.000	0.000	-0.001	0.000
	FLAP5C_TS_COS	0.066	0.000	0.000	0.001	0.001	0.000	-0.001	0.000	-0.001	-0.001	0.001	0.001	0.001	0.000	-0.001	-0.001
	FLAP5C_TS_SIN	0.000	0.000	-0.001	0.001	0.001	0.000	-0.001	-0.001	0.000	0.000	0.001	0.001	0.000	-0.001	-0.001	0.000

RUN	POINT	Harmonics																		
		52	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
FLAP1C	TS_COS	0.023	0.001	0.000	0.002	0.000	0.000	0.002	0.000	0.000	0.002	0.000	0.000	0.001	0.002	0.001	0.000	-0.001	-0.001	
FLAP1C	TS_SIN	0.000	-0.001	-0.001	0.000	0.000	0.002	0.000	0.000	0.000	0.003	0.002	0.000	-0.002	0.000	0.002	0.003	0.002	0.000	
FLAP2C	TS_COS	0.034	-0.001	0.001	0.001	0.000	-0.001	-0.001	0.000	0.000	-0.001	-0.004	-0.005	-0.003	0.000	0.002	0.002	0.001	0.000	
FLAP2C	TS_SIN	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.002	0.002	0.002	0.001	-0.001	-0.001	-0.001	0.000	0.000	0.000	
FLAP3C	TS_COS	-0.061	-0.001	0.000	0.001	0.000	0.000	0.000	-0.001	0.000	0.000	-0.002	-0.002	-0.001	0.000	0.002	0.002	0.001	0.001	
FLAP3C	TS_SIN	0.000	0.001	-0.001	0.000	0.001	0.000	0.001	0.000	0.000	0.001	0.002	0.002	0.002	0.002	0.001	0.000	-0.001	0.000	
FLAP4C	TS_COS	-0.017	-0.002	0.000	0.001	0.000	0.000	0.000	-0.001	0.000	0.000	-0.002	-0.003	-0.002	0.000	0.002	0.002	0.002	0.001	
FLAP4C	TS_SIN	0.000	0.000	-0.001	0.000	0.001	0.001	0.000	0.000	0.002	0.002	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	
FLAP5C	TS_COS	0.064	-0.001	0.001	0.001	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.001	0.000	0.001	0.001	0.000	-0.001	-0.001	-0.001	
FLAP5C	TS_SIN	0.000	-0.002	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	-0.001	0.000	
RUN	POINT	Harmonics																		
52	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	15	
FLAP1C	TS_COS	0.027	0.000	-0.001	0.000	0.001	0.001	0.000	0.001	-0.002	0.001	-0.002	-0.001	0.002	0.002	0.001	-0.001	-0.001	0.000	
FLAP1C	TS_SIN	0.000	-0.003	-0.001	-0.001	-0.001	0.000	0.000	0.004	0.002	-0.001	-0.002	-0.002	0.001	0.003	0.003	0.002	0.002	0.000	
FLAP2C	TS_COS	0.036	0.002	0.000	0.000	0.001	0.000	-0.001	-0.002	-0.004	-0.002	-0.004	-0.004	0.000	0.002	0.002	0.001	0.001	0.000	
FLAP2C	TS_SIN	0.000	-0.003	-0.001	-0.001	-0.001	0.001	0.000	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
FLAP3C	TS_COS	-0.061	0.002	0.000	0.000	0.001	0.000	-0.001	-0.001	-0.003	-0.002	-0.003	-0.002	0.000	0.001	0.002	0.001	0.001	0.001	
FLAP3C	TS_SIN	0.000	0.000	-0.001	-0.002	-0.002	0.000	0.000	0.001	0.002	0.001	0.002	0.001	0.002	0.001	0.000	-0.001	-0.001	-0.001	
FLAP4C	TS_COS	-0.016	0.002	0.000	-0.001	0.001	0.000	-0.002	-0.002	-0.003	-0.002	-0.003	-0.003	0.000	0.001	0.003	0.002	0.001	0.000	
FLAP4C	TS_SIN	0.000	-0.001	-0.001	-0.002	-0.001	0.000	0.001	0.002	0.002	0.002	0.002	0.000	0.001	0.001	0.002	0.000	0.000	-0.001	
FLAP5C	TS_COS	0.065	0.003	0.001	0.001	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.001	0.001	0.001	0.001	0.000	-0.001	-0.001	-0.001	
FLAP5C	TS_SIN	0.000	-0.002	-0.001	-0.001	-0.001	-0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.000	-0.001	-0.001	-0.001	0.000	

RUN	POINT	Harmonics																	
		52	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.027	0.002	0.006	0.001	0.000	0.000	-0.002	0.000	0.003	0.000	-0.001	0.001	0.002	0.002	0.000	0.000	0.000	0.000
	FLAP1C_TS_SIN	0.000	-0.001	0.000	0.001	0.000	0.003	0.000	0.000	0.002	0.002	0.000	-0.002	0.000	0.002	0.003	0.002	0.000	0.000
	FLAP2C_TS_COS	0.040	0.000	0.005	0.001	0.000	0.001	0.000	0.001	0.000	-0.004	-0.006	-0.004	-0.001	0.002	0.002	0.001	0.000	0.000
	FLAP2C_TS_SIN	0.000	0.000	0.001	0.000	0.003	0.003	-0.001	0.001	0.003	0.004	0.002	0.000	-0.001	-0.001	0.000	0.000	0.000	0.000
	FLAP3C_TS_COS	-0.054	-0.002	0.004	0.001	0.001	0.001	0.000	0.002	0.001	-0.002	-0.003	-0.001	0.000	0.002	0.001	0.002	0.002	0.002
	FLAP3C_TS_SIN	0.000	-0.001	0.000	0.000	0.002	0.002	-0.001	0.000	0.002	0.003	0.002	0.003	0.002	0.002	0.000	-0.002	0.000	0.000
	FLAP4C_TS_COS	-0.012	-0.001	0.005	0.001	0.002	0.002	-0.001	0.002	0.000	-0.001	-0.003	-0.002	-0.001	0.002	0.002	0.002	0.001	0.001
	FLAP4C_TS_SIN	0.000	-0.001	0.000	0.001	0.003	0.003	0.000	0.000	0.001	0.003	0.003	0.003	0.001	0.000	-0.001	-0.001	0.000	0.000
	FLAP5C_TS_COS	0.067	-0.001	0.003	0.001	0.000	0.001	0.000	0.001	0.000	-0.002	-0.001	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001
	FLAP5C_TS_SIN	0.000	-0.002	0.000	0.001	0.002	0.002	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	-0.001	-0.001	0.000	0.000
RUN	POINT	Harmonics																	
52	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	15
	FLAP1C_TS_COS	0.027	0.000	-0.002	0.000	0.000	0.000	0.000	0.001	-0.001	0.000	0.002	0.003	0.002	0.000	-0.001	-0.001	-0.001	-0.001
	FLAP1C_TS_SIN	0.000	-0.001	-0.001	0.000	0.000	0.000	0.000	0.003	0.001	-0.001	-0.002	0.000	0.003	0.003	0.002	0.000	0.000	0.000
	FLAP2C_TS_COS	0.037	0.000	-0.001	-0.001	0.000	-0.001	0.000	0.000	0.000	-0.004	-0.005	-0.004	0.000	0.003	0.003	0.001	-0.001	-0.001
	FLAP2C_TS_SIN	0.000	0.000	-0.001	0.000	-0.001	0.000	-0.001	0.001	0.002	0.002	0.001	-0.001	-0.002	-0.001	0.000	0.000	0.000	0.000
	FLAP3C_TS_COS	-0.059	0.000	-0.002	0.000	-0.001	0.000	0.000	0.000	0.000	-0.002	-0.002	-0.001	0.000	0.002	0.002	0.001	0.000	0.000
	FLAP3C_TS_SIN	0.000	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.002	0.001	0.001	-0.001	0.000	0.000
	FLAP4C_TS_COS	-0.016	0.000	-0.001	0.000	-0.001	0.000	0.000	0.000	0.000	-0.002	-0.003	-0.002	0.000	0.002	0.002	0.001	-0.001	-0.001
	FLAP4C_TS_SIN	0.000	0.001	-0.001	0.000	-0.001	0.000	0.000	0.001	0.002	0.002	0.001	0.001	0.000	0.001	-0.001	-0.001	0.000	0.000
	FLAP5C_TS_COS	0.064	0.001	0.000	-0.001	0.000	-0.001	-0.001	0.000	0.000	-0.001	-0.001	0.001	0.001	0.001	0.000	0.000	-0.001	-0.001
	FLAP5C TS SIN	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	-0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.000	-0.001	0.000	0.000

RUN	POINT	Harmonics																	
		52	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.027	0.000	0.003	0.000	0.000	0.000	0.000	-0.001	0.000	0.002	-0.001	0.000	0.002	0.003	0.002	0.001	-0.001	-0.001
	FLAP1C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.003	0.001	-0.001	-0.002	0.000	0.002	0.003	0.002	0.000
	FLAP2C_TS_COS	0.037	0.001	0.004	0.000	0.000	0.000	0.000	0.000	0.001	-0.001	-0.004	-0.005	-0.004	0.000	0.003	0.003	0.001	-0.001
	FLAP2C_TS_SIN	0.000	-0.001	0.000	0.000	0.000	0.001	0.000	-0.001	0.000	0.003	0.003	0.001	-0.001	-0.001	0.000	0.000	0.000	0.000
	FLAP3C_TS_COS	-0.059	0.000	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	-0.003	-0.003	-0.001	0.000	0.002	0.002	0.001	0.001
	FLAP3C_TS_SIN	0.000	-0.001	-0.001	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.002	0.001	0.001	0.001	0.001	0.000	-0.001	0.000
	FLAP4C_TS_COS	-0.014	0.000	0.003	0.000	0.000	0.001	0.000	0.000	0.001	0.000	-0.002	-0.003	-0.002	0.000	0.002	0.003	0.002	0.000
	FLAP4C_TS_SIN	0.000	-0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.002	0.001	0.002	0.001	0.001	0.000	-0.001	-0.001
	FLAP5C_TS_COS	0.065	-0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	-0.002	-0.001	0.000	0.001	0.001	0.000	0.000	-0.001
	FLAP5C_TS_SIN	0.000	-0.001	0.001	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	-0.001	-0.001
RUN	POINT	Harmonics																	
52	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
	FLAP1C_TS_COS	0.033	-0.001	-0.001	0.000	0.002	0.000	0.000	0.001	-0.001	0.000	0.002	0.000	0.002	0.002	0.001	-0.001	-0.001	0.000
	FLAP1C_TS_SIN	0.000	-0.001	0.000	0.000	-0.001	-0.001	0.000	0.004	0.002	-0.001	-0.002	-0.001	-0.002	0.000	0.003	0.003	0.001	0.001
	FLAP2C_TS_COS	0.041	0.001	0.000	0.001	0.000	0.001	-0.001	-0.001	-0.004	-0.001	-0.004	-0.004	-0.003	0.000	0.001	0.001	0.000	0.000
	FLAP2C_TS_SIN	0.000	-0.002	0.001	-0.001	0.000	0.000	0.001	0.003	0.003	0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.000	0.000	0.001
	FLAP3C_TS_COS	-0.056	0.000	0.000	0.001	0.001	0.000	0.000	-0.001	-0.003	-0.002	-0.003	-0.002	0.000	0.001	0.001	0.000	0.000	0.001
	FLAP3C_TS_SIN	0.000	0.000	0.000	-0.001	-0.001	0.000	0.000	0.001	0.002	0.001	0.002	0.001	0.002	0.002	0.002	0.001	-0.001	0.000
	FLAP4C_TS_COS	-0.012	0.001	-0.001	0.001	0.001	0.000	-0.001	0.000	-0.002	0.000	-0.002	-0.002	-0.001	0.000	0.001	0.000	0.001	0.000
	FLAP4C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.000	0.002	0.000	0.001	0.000	0.001	0.000	0.000	0.000
	FLAP5C_TS_COS	0.069	0.001	0.001	0.002	0.001	0.000	0.000	-0.001	-0.001	0.000	0.001	0.000	0.001	0.001	0.000	-0.001	-0.001	0.000
	FLAP5C TS SIN	0.000	0.000	-0.001	-0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.000	0.001	0.000	0.000	-0.001	-0.001	0.000

RUN	POINT	Harmonics																	
		52	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.023	0.000	-0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.001	-0.001	-0.001	0.002	0.003	0.002	0.000	-0.001	-0.001
	FLAP1C_TS_SIN	0.000	-0.001	0.001	0.000	0.000	0.001	0.000	0.000	0.000	0.003	0.002	-0.001	-0.002	0.000	0.002	0.002	0.002	0.000
	FLAP2C_TS_COS	0.033	-0.001	-0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.004	-0.006	-0.004	0.000	0.003	0.003	0.001	-0.001
	FLAP2C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.001	0.000	-0.001	0.003	0.003	0.003	0.002	-0.001	-0.001	-0.001	0.000	0.000	0.000
	FLAP3C_TS_COS	-0.061	-0.001	-0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.003	-0.003	-0.001	0.000	0.002	0.002	0.001	0.001
	FLAP3C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.001	0.000	-0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	-0.001	0.000
	FLAP4C_TS_COS	-0.017	0.000	-0.001	0.000	0.000	0.000	0.000	-0.001	0.000	0.000	-0.002	-0.003	-0.001	0.000	0.002	0.002	0.001	0.000
	FLAP4C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	-0.001	-0.001
	FLAP5C_TS_COS	0.065	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	0.000	0.001	0.001	0.000	0.000	-0.001
	FLAP5C_TS_SIN	0.000	0.000	-0.001	0.000	0.000	0.000	0.000	-0.001	0.000	0.000	0.001	0.000	0.000	0.001	0.000	0.000	-0.001	0.000
RUN	POINT	Harmonics																	
52	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
	FLAP1C_TS_COS	0.028	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	-0.002	-0.001	-0.001	0.002	0.003	0.001	0.000	-0.001	-0.001
	FLAP1C_TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.002	-0.001	-0.003	0.000	0.002	0.003	0.002	0.002	0.000	0.000
	FLAP2C_TS_COS	0.038	-0.001	-0.001	-0.001	0.000	0.000	0.000	-0.001	-0.004	-0.005	-0.003	0.000	0.002	0.002	0.002	0.000	0.000	-0.001
	FLAP2C_TS_SIN	0.000	-0.001	0.001	0.000	-0.001	0.000	0.000	0.003	0.003	0.002	-0.001	-0.002	-0.001	-0.001	0.000	0.000	0.000	0.000
	FLAP3C_TS_COS	-0.059	0.000	-0.001	0.000	-0.001	0.000	0.000	0.000	-0.002	-0.002	0.000	0.001	0.002	0.001	0.002	0.001	0.001	0.001
	FLAP3C_TS_SIN	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.001	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	0.000
	FLAP4C_TS_COS	-0.017	0.000	-0.001	-0.001	0.000	0.000	0.000	-0.001	-0.002	-0.002	-0.001	0.001	0.002	0.002	0.002	0.001	0.000	0.000
	FLAP4C_TS_SIN	0.000	-0.001	0.001	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.000	0.001	0.000	0.000	0.000	0.000
	FLAP5C_TS_COS	0.064	0.001	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	-0.001	0.001	0.001	0.001	0.001	0.000	0.000	-0.001	-0.001
	FLAP5C_TS_SIN	0.000	-0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
52	28	0.028	0.000	-0.002	0.001	0.000	0.000	-0.001	0.000	-0.001	-0.001	0.002	0.002	0.001	0.000	-0.001	-0.001
		0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.000	-0.003	0.000	0.002	0.002	0.002	0.000
		0.039	-0.001	-0.001	0.001	0.000	-0.001	0.000	-0.001	-0.003	-0.004	-0.003	0.000	0.002	0.002	0.000	-0.001
		0.000	0.002	-0.001	-0.001	0.000	0.000	-0.001	0.002	0.003	0.002	0.000	-0.001	-0.001	0.000	0.000	0.001
		-0.058	-0.001	-0.002	0.000	0.000	0.000	-0.001	-0.001	-0.002	-0.002	-0.001	0.000	0.001	0.001	0.001	0.001
		0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.002	0.002	0.001	0.000	0.000	-0.001	0.001
		-0.016	-0.001	-0.002	0.001	-0.001	0.000	-0.001	0.000	-0.002	-0.002	-0.001	0.000	0.001	0.002	0.001	0.000
		0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.001	0.001	0.000	0.001	-0.001	0.000	0.000
52	29	0.025	-0.001	0.000	-0.001	0.000	0.001	0.000	0.001	-0.001	-0.001	0.001	0.002	0.001	0.000	0.000	0.000
		0.000	0.000	0.000	-0.001	-0.001	0.000	0.000	0.003	0.001	-0.001	-0.003	0.000	0.002	0.003	0.002	0.000
		0.033	0.000	0.000	-0.002	0.000	-0.001	0.000	-0.001	-0.003	-0.004	-0.003	-0.001	0.002	0.002	0.001	0.000
		0.000	0.000	0.000	0.000	-0.001	0.000	0.000	0.002	0.003	0.002	0.000	-0.001	-0.001	0.000	0.000	0.001
		-0.060	0.000	0.000	-0.001	-0.001	-0.001	0.000	0.000	-0.002	-0.002	-0.001	0.001	0.002	0.002	0.001	0.001
		0.000	0.000	-0.001	0.000	-0.001	0.000	0.000	0.001	0.002	0.001	0.002	0.001	0.001	0.000	-0.001	0.000
		-0.017	0.001	0.001	-0.001	0.000	-0.001	-0.001	-0.001	-0.002	-0.002	0.000	0.000	0.002	0.002	0.002	0.000
		0.000	0.000	-0.001	0.000	-0.001	0.001	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.001	0.000	-0.001
52	POINT	Harmonics	0.064	0.002	0.001	0.000	0.000	0.000	0.000	-0.001	-0.001	0.001	0.001	0.001	0.000	0.000	0.000
			0.000	-0.001	0.000	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	0.000
			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.028	0.000	-0.001	-0.001	0.000	0.001	0.000	0.001	-0.001	-0.001	0.002	0.002	0.002	0.000	-0.001	-0.001
FLAP1C	TS_SIN	0.000	0.001	0.000	0.000	0.000	0.000	0.003	0.003	0.002	-0.001	-0.002	0.000	0.002	0.002	0.002	0.000
FLAP2C	TS_COS	0.039	0.000	0.000	-0.001	0.000	0.000	0.000	0.000	-0.004	-0.005	-0.004	0.000	0.002	0.002	0.001	-0.001
FLAP2C	TS_SIN	0.000	0.001	-0.001	0.000	0.000	0.000	0.003	0.003	0.003	0.002	0.000	-0.001	-0.001	0.000	0.000	0.000
FLAP3C	TS_COS	-0.058	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	-0.003	-0.003	-0.001	0.000	0.002	0.002	0.001	0.001
FLAP3C	TS_SIN	0.000	0.001	-0.001	0.000	0.000	0.000	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.000	0.001
FLAP4C	TS_COS	-0.016	0.000	-0.002	-0.001	-0.001	0.000	0.000	0.000	-0.002	-0.002	-0.001	0.000	0.002	0.002	0.001	0.000
FLAP4C	TS_SIN	0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.000	0.000	-0.001
FLAP5C	TS_COS	0.067	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	0.000	0.001	0.001	0.000	0.000	0.000
FLAP5C	TS_SIN	0.000	0.000	-0.001	-0.001	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	-0.001	0.000
RUN	POINT	Harmonics															
52	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.029	-0.001	0.000	0.000	0.001	0.001	0.001	0.001	-0.002	-0.002	0.001	0.002	0.001	0.000	-0.001	0.000
FLAP1C	TS_SIN	0.000	-0.001	0.000	0.000	-0.001	0.001	0.001	0.004	0.002	-0.002	-0.003	0.000	0.002	0.002	0.001	0.000
FLAP2C	TS_COS	0.039	0.002	0.002	0.000	0.001	0.001	0.000	-0.001	-0.004	-0.004	-0.002	0.000	0.001	0.001	0.000	0.000
FLAP2C	TS_SIN	0.000	-0.001	0.000	0.000	0.000	0.001	0.001	0.003	0.004	0.002	0.000	-0.001	-0.001	0.000	0.000	0.001
FLAP3C	TS_COS	-0.056	0.000	0.001	0.000	0.001	0.000	0.000	-0.001	-0.003	-0.002	0.000	0.001	0.002	0.001	0.001	0.001
FLAP3C	TS_SIN	0.000	-0.001	0.000	0.000	-0.001	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.000	-0.001	0.000
FLAP4C	TS_COS	-0.014	0.000	0.001	0.000	0.001	0.000	0.000	-0.001	-0.003	-0.002	-0.001	0.001	0.002	0.002	0.001	0.000
FLAP4C	TS_SIN	0.000	-0.001	0.000	0.000	0.000	0.001	0.001	0.002	0.003	0.001	0.002	0.001	0.002	0.000	0.000	0.000
FLAP5C	TS_COS	0.066	0.001	0.001	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	0.000	0.000	0.001	0.000	0.000	0.000
FLAP5C	TS SIN	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.001	0.000	0.000	-0.001	0.000

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
52	32	0.028	-0.001	0.001	0.001	-0.001	0.000	0.001	0.001	-0.001	-0.001	0.001	0.003	0.002	0.000	-0.001	-0.001
		FLAP1C_TS_COS															
		0.000	0.001	0.000	0.001	0.001	0.000	-0.001	0.003	0.001	-0.001	-0.003	-0.001	0.002	0.002	0.002	0.000
		FLAP1C_TS_SIN															
		0.037	0.000	0.002	0.001	-0.001	0.000	0.001	0.000	-0.003	-0.005	-0.003	0.000	0.002	0.002	0.000	-0.001
		FLAP2C_TS_COS															
		0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.003	0.003	0.002	0.000	-0.001	-0.001	-0.001	0.000	0.001
		FLAP2C_TS_SIN															
		-0.059	0.000	0.002	0.001	-0.001	0.000	0.001	0.000	-0.002	-0.003	-0.001	0.000	0.002	0.001	0.001	0.001
		FLAP3C_TS_COS															
		0.000	-0.001	0.000	0.002	0.001	0.000	0.000	0.001	0.002	0.002	0.001	0.001	0.001	0.000	-0.001	0.000
		FLAP3C_TS_SIN															
		-0.016	0.000	0.001	0.000	-0.001	0.000	0.002	0.000	-0.001	-0.003	-0.001	0.000	0.002	0.002	0.001	-0.001
		FLAP4C_TS_COS															
		0.000	0.000	0.001	0.002	0.001	0.000	-0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	0.000	-0.001
		FLAP4C_TS_SIN															
		0.065	0.000	0.000	-0.001	-0.001	0.000	0.000	0.000	-0.001	-0.001	0.000	0.000	0.001	0.000	0.000	0.000
		FLAP5C_TS_COS															
		0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	-0.001	0.000
		FLAP5C_TS_SIN															
RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
52	33	0.026	0.000	-0.002	0.000	0.001	0.000	-0.001	0.001	-0.001	-0.001	0.001	0.002	0.001	-0.001	-0.001	0.000
		FLAP1C_TS_COS															
		0.000	0.001	-0.001	-0.001	0.000	0.001	0.000	0.003	0.002	0.000	-0.002	0.000	0.002	0.002	0.001	0.000
		FLAP1C_TS_SIN															
		0.033	-0.002	-0.003	0.000	0.000	0.000	0.000	0.000	-0.003	-0.004	-0.003	0.000	0.002	0.002	0.001	0.000
		FLAP2C_TS_COS															
		0.000	0.002	-0.001	-0.001	0.000	0.001	0.000	0.002	0.003	0.002	0.000	-0.001	-0.001	-0.001	0.000	0.001
		FLAP2C_TS_SIN															
		-0.055	-0.001	-0.002	0.000	0.000	0.000	-0.001	0.000	-0.002	-0.002	0.000	0.001	0.002	0.001	0.001	0.001
		FLAP3C_TS_COS															
		0.000	0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	0.002	0.001	0.002	0.002	0.001	0.001	-0.001	0.000
		FLAP3C_TS_SIN															
		-0.017	0.001	-0.002	0.001	-0.001	0.000	-0.001	0.000	-0.002	-0.002	-0.001	0.000	0.001	0.001	0.001	0.000
		FLAP4C_TS_COS															
		0.000	0.002	-0.002	-0.001	0.000	0.000	0.000	0.001	0.002	0.001	0.001	0.000	0.001	-0.001	-0.001	0.000
		FLAP4C_TS_SIN															
		0.065	-0.001	0.001	0.001	0.000	-0.001	-0.001	0.000	-0.001	-0.001	0.001	0.001	0.001	0.000	0.000	0.000
		FLAP5C_TS_COS															
		0.000	0.001	-0.001	0.000	0.000	0.000	-0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	-0.001	0.000
		FLAP5C_TS_SIN															

RUN	POINT	Harmonics																	
		52	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.030	0.000	-0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	-0.002	-0.001	0.002	0.002	0.000	-0.001	-0.001	0.000
FLAP1C	TS_SIN	0.000	-0.002	0.001	0.000	0.000	0.000	0.000	0.001	0.003	0.002	0.002	-0.001	-0.002	0.000	0.002	0.002	0.001	0.000
FLAP2C	TS_COS	0.042	0.001	0.001	0.001	0.000	0.001	0.001	0.000	0.000	-0.001	-0.003	-0.003	-0.002	0.000	0.001	0.001	0.000	0.000
FLAP2C	TS_SIN	0.000	-0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.002	0.002	0.003	0.002	0.000	-0.001	-0.001	-0.001	0.000	0.001
FLAP3C	TS_COS	-0.057	0.001	0.001	0.002	0.001	0.000	0.000	0.000	-0.001	-0.001	-0.002	-0.002	0.000	0.001	0.002	0.001	0.001	0.001
FLAP3C	TS_SIN	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.001	-0.001	-0.001
FLAP4C	TS_COS	-0.012	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	-0.001	-0.002	-0.002	0.000	0.001	0.001	0.001	0.001	0.000
FLAP4C	TS_SIN	0.000	-0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.002	0.002	0.002	0.000	0.001	0.001	0.002	0.000	-0.001	-0.001
FLAP5C	TS_COS	0.067	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.001	0.001	0.000	0.001	0.000	0.000	0.000
FLAP5C	TS_SIN	0.000	0.000	-0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	-0.001	0.000
RUN	POINT	Harmonics																	
52	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.026	0.001	-0.002	0.000	0.001	0.000	-0.001	0.001	-0.001	-0.001	0.001	0.002	0.001	0.000	-0.001	0.000	0.000	
FLAP1C	TS_SIN	0.000	-0.001	0.000	-0.001	0.000	0.001	0.000	0.003	0.002	0.000	-0.002	0.000	0.002	0.002	0.001	0.000	0.000	
FLAP2C	TS_COS	0.037	0.000	-0.002	0.000	0.001	0.000	-0.001	-0.001	-0.003	-0.004	-0.003	0.000	0.002	0.002	0.001	0.000	0.000	
FLAP2C	TS_SIN	0.000	0.001	0.000	-0.001	0.000	0.000	-0.001	0.002	0.003	0.003	0.000	-0.001	-0.001	-0.001	0.000	0.001	0.001	
FLAP3C	TS_COS	-0.060	0.001	-0.002	-0.001	0.001	0.001	-0.001	0.000	-0.002	-0.002	0.000	0.000	0.002	0.001	0.001	0.001	0.001	
FLAP3C	TS_SIN	0.000	0.001	0.000	-0.001	-0.001	0.000	0.000	0.001	0.002	0.002	0.003	0.002	0.001	0.001	0.000	-0.001	0.000	
FLAP4C	TS_COS	-0.016	0.001	-0.002	0.000	0.001	0.000	-0.002	-0.001	-0.002	-0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.000	
FLAP4C	TS_SIN	0.000	0.001	0.000	-0.001	0.000	0.000	0.000	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.000	0.000	0.000	
FLAP5C	TS_COS	0.066	0.001	0.001	0.000	0.000	-0.001	0.000	0.000	-0.001	-0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	
FLAP5C	TS_SIN	0.000	0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	0.000	

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
52	36	0.027	-0.001	0.001	0.000	0.000	0.001	0.001	-0.001	-0.001	0.001	0.002	0.001	0.000	0.000	-0.001	0.000
		FLAP1C_TS_COS															
		0.000	-0.001	0.000	0.000	-0.001	0.000	0.004	0.002	-0.001	-0.002	0.000	0.002	0.002	0.002	0.001	0.000
		FLAP1C_TS_SIN															
		0.037	0.000	0.002	0.000	0.000	0.000	-0.001	-0.003	-0.004	-0.002	0.000	0.002	0.001	0.000	0.000	-0.001
		FLAP2C_TS_COS															
		0.000	-0.002	0.000	-0.001	0.000	0.000	0.003	0.003	0.002	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.000
		FLAP2C_TS_SIN															
		-0.058	0.000	0.002	0.000	0.000	0.000	0.000	-0.002	-0.002	-0.001	0.000	0.002	0.001	0.001	0.001	0.001
		FLAP3C_TS_COS															
		0.000	-0.001	-0.001	-0.001	0.000	0.000	0.002	0.002	0.001	0.001	0.001	0.001	0.001	-0.001	0.001	0.000
		FLAP3C_TS_SIN															
		-0.015	0.000	0.002	0.000	0.000	0.000	0.000	-0.002	-0.002	-0.001	0.000	0.002	0.001	0.001	0.001	0.000
		FLAP4C_TS_COS															
		0.000	-0.001	0.000	-0.001	-0.001	0.000	0.002	0.002	0.000	0.001	0.000	0.001	0.000	0.001	0.000	0.000
		FLAP4C_TS_SIN															
		0.064	0.001	0.001	0.000	0.000	0.000	-0.001	-0.001	-0.001	0.001	0.001	0.001	0.000	-0.001	0.000	0.000
		FLAP5C_TS_COS															
		0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	-0.001	0.000	0.000
		FLAP5C_TS_SIN															
52	37	0.027	0.000	-0.001	0.000	-0.002	0.000	0.001	-0.001	-0.001	0.001	0.003	0.001	0.000	0.000	-0.001	-0.001
		FLAP1C_TS_COS															
		0.000	0.002	0.000	0.001	0.001	-0.001	0.003	0.002	-0.001	-0.002	0.000	0.002	0.002	0.001	0.000	0.000
		FLAP1C_TS_SIN															
		0.037	-0.001	-0.001	0.000	-0.001	0.000	0.000	-0.003	-0.005	-0.004	0.000	0.002	0.002	0.000	0.000	-0.001
		FLAP2C_TS_COS															
		0.000	0.001	0.000	0.001	0.000	-0.001	0.003	0.004	0.003	0.000	-0.001	-0.001	-0.001	0.000	0.000	0.000
		FLAP2C_TS_SIN															
		-0.060	0.000	-0.001	0.000	-0.001	0.000	0.001	-0.002	-0.003	-0.001	0.000	0.002	0.002	0.001	0.001	0.001
		FLAP3C_TS_COS															
		0.000	0.001	0.000	0.001	0.000	0.000	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.001	-0.001	0.000
		FLAP3C_TS_SIN															
		-0.018	0.000	-0.002	0.000	-0.002	0.001	0.000	-0.002	-0.003	-0.001	0.001	0.002	0.002	0.001	0.001	-0.001
		FLAP4C_TS_COS															
		0.000	0.001	0.001	0.001	0.001	0.000	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.000	-0.001	-0.001
		FLAP4C_TS_SIN															
		0.065	-0.001	-0.001	-0.001	-0.001	0.000	0.000	-0.001	-0.001	0.000	0.001	0.001	0.001	0.000	0.000	0.000
		FLAP5C_TS_COS															
		0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	0.000
		FLAP5C_TS_SIN															

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
52	38	0.027	0.001	0.002	0.001	-0.001	0.000	0.000	0.002	-0.001	-0.001	0.001	0.002	0.002	0.000	-0.001	-0.001
		FLAP1C_TS_COS															
		0.000	0.002	0.001	0.001	0.002	0.000	-0.002	0.002	0.002	0.000	-0.002	0.000	0.002	0.002	0.001	0.000
		FLAP1C_TS_SIN															
		0.044	0.000	0.003	0.002	0.000	0.000	0.001	0.001	-0.003	-0.005	-0.004	-0.001	0.002	0.002	0.001	0.000
		FLAP2C_TS_COS															
		0.000	0.002	0.000	0.000	0.002	-0.001	-0.001	0.003	0.004	0.003	0.000	-0.001	-0.001	0.000	0.000	0.001
		FLAP2C_TS_SIN															
		-0.057	-0.001	0.001	0.001	0.000	0.000	0.001	0.001	-0.002	-0.002	-0.001	0.000	0.001	0.001	0.001	0.001
		FLAP3C_TS_COS															
		0.000	0.002	0.001	0.001	0.002	0.000	-0.001	0.001	0.002	0.002	0.002	0.002	0.001	0.000	-0.001	0.000
		FLAP3C_TS_SIN															
		-0.015	-0.001	0.001	0.001	0.000	0.001	0.001	0.001	-0.001	-0.002	-0.001	0.000	0.001	0.001	0.001	0.000
		FLAP4C_TS_COS															
		0.000	0.002	0.000	0.001	0.002	0.000	-0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.000	-0.001	0.000
		FLAP4C_TS_SIN															
		0.067	-0.001	0.001	0.001	0.000	0.000	0.000	0.000	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000
		FLAP5C_TS_COS															
		0.000	0.001	0.000	0.000	0.001	0.000	0.000	0.001	0.001	0.000	0.000	0.001	0.000	0.000	-0.001	0.000
		FLAP5C_TS_SIN															
RUN	POINT	Harmonics															
52	39	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		0.023	0.001	0.002	0.001	0.001	0.000	0.000	0.002	0.000	-0.001	0.000	0.002	0.001	0.000	-0.001	0.000
		FLAP1C_TS_COS															
		0.000	-0.001	-0.001	0.000	0.001	0.000	0.000	0.003	0.002	0.000	-0.002	0.000	0.002	0.002	0.001	0.000
		FLAP1C_TS_SIN															
		0.035	0.000	0.002	0.001	0.000	0.000	-0.001	0.000	-0.003	-0.004	-0.003	-0.001	0.001	0.001	0.000	0.000
		FLAP2C_TS_COS															
		0.000	-0.001	0.000	-0.001	0.000	0.001	0.001	0.003	0.004	0.003	0.000	-0.001	-0.001	-0.001	0.000	0.001
		FLAP2C_TS_SIN															
		-0.059	0.000	0.001	0.001	0.001	0.000	-0.001	0.000	-0.002	-0.002	0.000	0.000	0.001	0.001	0.001	0.001
		FLAP3C_TS_COS															
		0.000	0.000	-0.001	-0.001	0.000	0.000	0.000	0.001	0.002	0.002	0.002	0.001	0.001	0.000	-0.001	0.000
		FLAP3C_TS_SIN															
		-0.017	0.001	0.003	0.000	0.000	-0.001	-0.001	0.000	-0.002	-0.002	-0.001	0.000	0.001	0.001	0.001	0.001
		FLAP4C_TS_COS															
		0.000	0.000	0.000	0.000	0.000	-0.001	0.000	0.001	0.003	0.001	0.002	0.000	0.001	0.000	-0.001	0.000
		FLAP4C_TS_SIN															
		0.064	0.001	0.001	0.001	0.000	0.000	0.000	0.000	-0.001	-0.001	0.001	0.001	0.000	0.000	0.000	0.000
		FLAP5C_TS_COS															
		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	-0.001	0.000
		FLAP5C TS SIN															

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.027	-0.001	-0.004	0.058	0.000	0.003	0.002	0.020	-0.017	0.005	0.013	-0.001	0.004	0.003	-0.014	0.005		
FLAP1C	TS_SIN	0.000	0.000	0.003	1.478	-0.007	0.000	0.003	-0.013	0.017	0.087	-0.001	0.001	0.017	0.009	0.006	-0.007		
FLAP2C	TS_COS	0.036	-0.001	-0.005	0.055	-0.003	0.002	0.000	0.011	-0.019	-0.018	0.000	-0.012	0.011	0.010	-0.003	0.001		
FLAP2C	TS_SIN	0.000	0.001	0.003	1.477	-0.007	0.000	0.001	-0.022	0.029	0.109	-0.002	-0.012	0.005	0.001	0.009	0.005		
FLAP3C	TS_COS	-0.059	-0.001	-0.004	0.056	-0.003	0.001	0.002	0.001	-0.020	0.021	0.002	-0.002	0.001	0.007	-0.008	0.006		
FLAP3C	TS_SIN	0.000	-0.001	0.000	1.474	-0.003	0.000	0.002	-0.034	0.010	0.087	0.008	-0.009	0.008	-0.003	0.004	-0.007		
FLAP4C	TS_COS	-0.017	0.000	-0.004	0.057	-0.001	0.004	0.001	-0.001	-0.020	-0.024	0.010	-0.004	0.014	0.008	-0.002	0.004		
FLAP4C	TS_SIN	0.000	0.001	0.000	1.481	-0.005	-0.001	0.003	-0.021	0.020	0.102	0.000	-0.009	0.007	0.006	0.010	0.012		
FLAP5C	TS_COS	0.065	-0.002	-0.001	0.058	0.001	0.002	0.002	0.013	-0.018	0.036	0.018	-0.004	0.004	0.002	-0.011	0.005		
FLAP5C	TS_SIN	0.000	-0.001	0.000	1.481	-0.004	0.000	0.001	-0.034	0.024	0.117	0.007	0.003	0.012	-0.008	0.010	-0.008		
RUN	POINT	Harmonics																	
52	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.024	0.001	0.000	0.004	-0.002	-0.001	0.002	0.003	0.000	0.000	0.002	0.003	0.002	0.001	-0.001	-0.001		
FLAP1C	TS_SIN	0.000	-0.002	0.002	-0.001	-0.001	0.001	-0.001	0.004	0.001	-0.002	-0.003	0.000	0.004	0.003	0.002	0.000		
FLAP2C	TS_COS	0.038	0.002	0.000	0.005	-0.002	-0.002	0.003	-0.001	-0.003	-0.005	-0.004	0.000	0.002	0.003	0.001	-0.001		
FLAP2C	TS_SIN	0.000	0.000	0.003	-0.003	-0.003	0.000	0.000	0.003	0.002	0.000	-0.002	-0.001	0.000	0.000	0.000	0.000		
FLAP3C	TS_COS	-0.056	-0.001	-0.001	0.004	-0.001	0.000	0.001	0.000	-0.002	-0.002	-0.001	0.001	0.002	0.002	0.001	0.000		
FLAP3C	TS_SIN	0.000	0.000	0.002	0.000	-0.002	0.000	0.000	0.000	0.001	0.001	0.002	0.003	0.002	0.001	-0.001	0.000		
FLAP4C	TS_COS	-0.014	-0.002	-0.001	0.004	0.000	-0.001	0.003	-0.001	-0.001	-0.003	-0.001	0.000	0.002	0.002	0.002	0.000		
FLAP4C	TS_SIN	0.000	-0.001	0.002	-0.001	-0.002	0.000	0.000	0.002	0.002	0.000	0.001	0.001	0.001	0.001	-0.001	-0.001		
FLAP5C	TS_COS	0.066	0.001	-0.001	0.006	0.000	0.001	0.001	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	-0.001		
FLAP5C	TS_SIN	0.000	0.000	0.001	-0.002	-0.003	0.001	0.001	0.000	0.001	0.000	0.001	0.001	0.001	0.001	-0.001	-0.001		

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.030	-0.001	-0.005	0.068	0.001	0.002	0.002	0.002	0.004	0.014	-0.002	0.007	0.008	-0.011	0.005			
FLAP1C	TS_SIN	0.000	0.001	0.003	1.475	-0.001	-0.001	0.001	-0.010	0.017	0.087	-0.003	0.001	0.018	0.011	0.006	-0.007		
FLAP2C	TS_COS	0.039	-0.001	-0.007	0.065	0.000	0.001	0.001	0.016	-0.016	-0.019	0.001	-0.012	0.012	0.014	-0.001	0.001		
FLAP2C	TS_SIN	0.000	0.002	0.002	1.475	-0.002	-0.001	0.000	-0.019	0.032	0.110	-0.002	-0.011	0.005	0.004	0.010	0.008		
FLAP3C	TS_COS	-0.056	-0.001	-0.006	0.065	-0.002	0.000	0.001	0.004	-0.018	0.020	0.001	-0.003	0.002	0.011	-0.005	0.007		
FLAP3C	TS_SIN	0.000	0.001	0.000	1.472	0.001	0.000	0.000	-0.033	0.011	0.085	0.005	-0.009	0.008	-0.002	0.004	-0.006		
FLAP4C	TS_COS	-0.014	-0.001	-0.006	0.068	0.001	0.002	0.000	0.003	-0.017	-0.026	0.014	-0.004	0.016	0.012	-0.001	0.004		
FLAP4C	TS_SIN	0.000	0.002	-0.001	1.478	0.002	0.000	0.000	-0.022	0.019	0.102	-0.004	-0.008	0.007	0.009	0.010	0.014		
FLAP5C	TS_COS	0.068	-0.002	-0.003	0.068	0.002	0.001	0.002	0.017	-0.016	0.036	0.018	-0.005	0.004	0.004	-0.009	0.004		
FLAP5C	TS_SIN	0.000	0.000	0.000	1.479	0.001	0.000	0.000	-0.032	0.025	0.117	0.003	0.004	0.010	-0.005	0.011	-0.005		
RUN	POINT	Harmonics																	
52	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.024	0.001	-0.002	0.794	-0.002	0.001	0.000	0.024	-0.013	0.072	0.001	0.011	0.016	0.004	-0.004	-0.017		
FLAP1C	TS_SIN	0.000	0.001	0.002	1.247	0.000	-0.001	-0.002	0.007	0.025	-0.007	-0.006	0.012	0.008	-0.005	0.005	0.001		
FLAP2C	TS_COS	0.034	0.001	-0.005	0.792	-0.004	0.000	-0.001	-0.001	-0.001	0.087	-0.014	-0.010	-0.002	-0.001	-0.001	-0.005		
FLAP2C	TS_SIN	0.000	0.002	0.002	1.249	0.001	-0.001	-0.003	-0.007	0.034	0.019	-0.008	0.012	-0.006	-0.005	-0.003	-0.016		
FLAP3C	TS_COS	-0.060	0.000	-0.005	0.787	-0.002	0.000	0.001	-0.001	-0.011	0.073	-0.007	-0.003	0.005	0.003	0.003	-0.016		
FLAP3C	TS_SIN	0.000	0.001	0.001	1.247	0.003	0.000	-0.002	-0.004	0.021	-0.020	0.003	0.010	0.005	-0.007	-0.011	0.003		
FLAP4C	TS_COS	-0.019	0.001	-0.004	0.795	0.000	0.000	0.000	-0.009	-0.007	0.089	-0.006	-0.010	-0.005	0.003	0.006	0.009		
FLAP4C	TS_SIN	0.000	0.001	-0.002	1.252	0.002	0.000	-0.002	0.016	0.031	0.023	-0.010	0.006	-0.014	0.000	-0.001	-0.014		
FLAP5C	TS_COS	0.063	0.001	-0.001	0.793	0.000	0.001	0.002	0.003	-0.008	0.102	-0.004	-0.004	-0.005	-0.011	-0.003	-0.017		
FLAP5C	TS_SIN	0.000	0.001	-0.001	1.251	0.001	0.001	-0.003	-0.013	0.027	-0.038	-0.006	0.015	0.005	-0.004	-0.003	-0.007		

RUN	POINT	Harmonics																	
		52	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.020	0.000	-0.005	1.308	-0.002	-0.001	0.000	0.000	0.023	-0.004	-0.018	0.009	0.016	0.005	-0.001	0.007	0.004	
FLAP1C	TS_SIN	0.000	0.000	0.002	0.691	0.000	-0.002	-0.002	-0.002	-0.007	0.027	-0.080	0.010	0.000	0.003	0.008	0.003	0.017	
FLAP2C	TS_COS	0.031	0.000	-0.007	1.307	-0.003	-0.002	-0.002	-0.003	-0.004	0.006	-0.001	-0.018	0.006	-0.004	0.006	0.004	-0.012	
FLAP2C	TS_SIN	0.000	0.001	0.003	0.694	0.001	0.000	-0.002	-0.002	0.007	0.019	-0.086	0.014	0.009	0.010	0.004	0.005	0.010	
FLAP3C	TS_COS	-0.063	-0.001	-0.007	1.302	-0.001	-0.001	-0.001	-0.001	0.007	0.006	-0.034	-0.007	0.014	0.004	0.007	0.005	0.014	
FLAP3C	TS_SIN	0.000	0.000	0.002	0.692	0.003	-0.001	-0.001	-0.001	0.009	0.022	-0.074	0.013	0.010	0.002	0.000	-0.012	0.004	
FLAP4C	TS_COS	-0.022	0.001	-0.010	1.310	0.000	-0.002	-0.002	-0.002	0.003	0.005	0.014	-0.014	0.009	-0.007	0.007	0.005	-0.011	
FLAP4C	TS_SIN	0.000	0.001	0.000	0.695	0.001	0.001	0.000	0.000	0.029	0.020	-0.081	0.017	0.015	0.013	-0.002	-0.002	0.004	
FLAP5C	TS_COS	0.061	-0.001	-0.005	1.310	0.000	0.000	-0.002	-0.002	0.008	0.005	-0.044	-0.003	0.011	0.000	-0.006	-0.002	0.001	
FLAP5C	TS_SIN	0.000	0.001	0.000	0.693	-0.001	0.000	-0.002	-0.002	-0.005	0.021	-0.108	0.017	0.008	0.016	0.006	-0.003	0.012	
RUN	POINT	Harmonics																	
52	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.024	0.001	0.006	1.478	0.000	0.001	-0.001	0.006	-0.003	-0.112	0.006	0.007	0.007	0.000	0.009	0.013	0.014	
FLAP1C	TS_SIN	0.000	-0.002	-0.002	-0.068	-0.001	-0.001	0.002	-0.015	0.022	0.006	-0.009	-0.005	-0.005	0.018	0.014	0.003	-0.003	
FLAP2C	TS_COS	0.036	0.002	0.006	1.477	0.001	0.001	-0.001	0.003	-0.010	-0.114	0.004	0.002	0.002	0.000	-0.003	0.012	0.019	
FLAP2C	TS_SIN	0.000	-0.001	0.001	-0.065	0.000	-0.001	0.001	0.016	0.008	-0.009	-0.001	0.000	0.000	0.018	0.010	0.002	0.011	
FLAP3C	TS_COS	-0.060	0.001	0.002	1.472	0.001	0.000	-0.002	0.013	0.003	-0.099	-0.007	0.008	-0.003	-0.003	0.001	0.009	-0.002	
FLAP3C	TS_SIN	0.000	-0.001	0.001	-0.065	0.002	-0.001	0.000	0.002	0.014	0.030	-0.004	-0.008	-0.008	0.018	0.012	-0.001	-0.011	
FLAP4C	TS_COS	-0.017	0.002	0.002	1.480	0.005	0.000	-0.001	0.022	-0.016	-0.110	0.000	0.017	0.017	0.012	0.000	0.020	0.022	
FLAP4C	TS_SIN	0.000	-0.001	0.000	-0.067	0.000	0.000	0.002	0.014	0.007	-0.011	0.012	0.007	0.007	0.025	0.006	0.001	0.008	
FLAP5C	TS_COS	0.063	0.001	0.003	1.480	0.001	0.000	-0.002	0.009	-0.005	-0.126	0.005	0.002	0.002	0.009	0.004	0.009	0.012	
FLAP5C	TS_SIN	0.000	0.000	-0.003	-0.066	-0.002	0.000	0.001	-0.006	0.017	0.033	-0.002	-0.011	-0.011	0.009	0.015	-0.004	-0.002	

RUN	POINT	Harmonics																
		52	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
FLAP1C	TS_COS	0.024	-0.001	-0.001	1.249	0.000	0.000	0.001	-0.005	0.002	-0.012	-0.015	-0.010	0.015	0.008	0.001	-0.003	
FLAP1C	TS_SIN	0.000	0.002	0.000	-0.797	0.003	-0.001	0.000	-0.006	0.012	0.092	-0.010	0.002	0.013	0.005	-0.001	-0.002	
FLAP2C	TS_COS	0.035	0.000	-0.001	1.250	0.001	0.000	0.000	0.014	-0.014	-0.020	-0.001	0.001	0.011	0.007	0.002	-0.003	
FLAP2C	TS_SIN	0.000	0.003	0.001	-0.796	0.004	0.000	0.001	0.009	0.013	0.101	-0.015	0.001	0.005	0.011	-0.002	-0.007	
FLAP3C	TS_COS	-0.061	0.000	-0.001	1.245	0.003	0.000	0.001	0.011	-0.006	0.016	-0.009	-0.007	0.013	0.009	0.006	0.006	
FLAP3C	TS_SIN	0.000	0.003	0.003	-0.791	0.003	-0.001	-0.001	-0.004	0.009	0.091	-0.001	0.002	0.016	0.009	-0.001	0.013	
FLAP4C	TS_COS	-0.018	0.001	-0.004	1.250	0.003	-0.002	0.001	0.034	-0.023	-0.034	-0.001	0.006	0.015	0.010	0.004	0.001	
FLAP4C	TS_SIN	0.000	0.003	0.002	-0.798	0.002	0.000	0.001	0.001	0.019	0.100	-0.015	0.000	0.017	0.025	-0.004	-0.016	
FLAP5C	TS_COS	0.063	0.000	-0.003	1.251	0.000	0.000	-0.001	0.006	0.002	0.025	-0.005	-0.008	0.006	0.012	-0.002	-0.003	
FLAP5C	TS_SIN	0.000	0.003	0.000	-0.797	0.001	0.000	0.001	-0.012	0.015	0.114	-0.016	0.006	0.007	0.005	0.000	0.002	
RUN	POINT	Harmonics																
52	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
FLAP1C	TS_COS	0.025	0.000	-0.008	0.686	-0.002	0.002	0.002	-0.002	0.005	0.067	-0.021	-0.010	-0.005	-0.001	-0.005	0.002	
FLAP1C	TS_SIN	0.000	0.003	-0.001	-1.310	-0.001	-0.002	0.001	0.012	0.008	-0.002	-0.003	0.006	0.006	0.016	0.005	-0.013	
FLAP2C	TS_COS	0.035	0.001	-0.006	0.689	0.001	0.002	0.002	0.017	0.003	0.090	-0.029	-0.005	0.002	0.009	0.004	0.005	
FLAP2C	TS_SIN	0.000	0.002	-0.001	-1.308	-0.001	-0.001	0.003	0.003	0.020	0.012	-0.011	-0.007	-0.001	0.002	0.008	0.005	
FLAP3C	TS_COS	-0.061	0.001	-0.004	0.686	0.001	0.001	0.001	0.003	0.004	0.080	-0.013	-0.010	-0.001	0.007	0.004	0.006	
FLAP3C	TS_SIN	0.000	0.001	0.002	-1.304	-0.002	-0.002	0.000	0.000	0.008	-0.018	0.006	0.010	-0.003	-0.001	0.001	-0.012	
FLAP4C	TS_COS	-0.018	0.003	-0.007	0.689	0.001	0.002	0.003	0.031	0.008	0.091	-0.018	-0.006	-0.002	0.013	0.004	0.016	
FLAP4C	TS_SIN	0.000	0.001	0.002	-1.312	-0.005	-0.001	0.002	-0.007	0.027	0.016	-0.010	0.003	0.012	0.008	0.010	0.009	
FLAP5C	TS_COS	0.063	0.001	-0.008	0.688	-0.001	0.002	0.001	-0.004	0.011	0.103	-0.018	-0.006	-0.005	-0.002	0.002	0.012	
FLAP5C	TS_SIN	0.000	0.003	0.000	-1.312	-0.005	-0.001	0.003	-0.005	0.008	-0.034	-0.007	0.007	0.017	0.013	0.001	-0.012	

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.024	0.000	0.001	-0.064	0.000	0.001	0.003	0.015	0.005	-0.022	-0.011	0.005	-0.003	-0.001	-0.007	-0.013
FLAP1C	TS_SIN	0.000	0.000	0.000	-1.478	-0.001	-0.001	0.001	0.027	0.009	-0.085	-0.001	0.002	0.011	0.014	0.007	0.003
FLAP2C	TS_COS	0.034	0.000	0.004	-0.061	0.001	0.001	0.003	0.017	0.023	0.002	-0.026	-0.004	0.000	-0.003	0.006	-0.003
FLAP2C	TS_SIN	0.000	-0.001	0.000	-1.478	-0.002	0.000	0.001	0.001	0.011	-0.098	0.007	-0.011	0.004	0.002	0.003	-0.010
FLAP3C	TS_COS	-0.061	0.000	0.003	-0.060	0.002	0.000	0.001	0.003	0.014	-0.025	-0.013	-0.004	-0.007	-0.001	0.000	-0.015
FLAP3C	TS_SIN	0.000	0.000	0.001	-1.473	-0.003	-0.001	0.001	0.007	-0.002	-0.082	0.009	0.009	0.004	0.001	-0.001	0.009
FLAP4C	TS_COS	-0.019	0.000	0.002	-0.062	0.000	0.001	0.003	0.017	0.024	0.015	-0.017	0.000	-0.008	-0.012	0.009	0.007
FLAP4C	TS_SIN	0.000	-0.001	0.004	-1.481	-0.005	0.000	0.001	0.005	0.010	-0.110	0.006	0.000	0.011	0.005	0.002	-0.019
FLAP5C	TS_COS	0.061	0.001	0.001	-0.063	-0.001	0.001	0.003	-0.001	0.011	-0.042	-0.015	0.000	-0.002	-0.004	-0.009	-0.014
FLAP5C	TS_SIN	0.000	0.000	0.002	-1.480	-0.003	0.000	0.002	0.012	-0.001	-0.116	0.013	-0.002	0.001	0.008	-0.003	-0.003
RUN	POINT	Harmonics															
52	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.022	0.000	0.000	-0.800	0.000	-0.003	0.000	0.023	-0.009	-0.097	-0.001	0.007	-0.004	0.000	-0.005	0.005
FLAP1C	TS_SIN	0.000	-0.002	-0.001	-1.241	0.004	0.000	-0.002	0.018	0.009	0.014	-0.006	-0.007	0.001	0.004	0.002	0.000
FLAP2C	TS_COS	0.032	0.001	0.003	-0.799	0.001	-0.002	0.002	0.003	-0.001	-0.107	0.005	0.001	0.005	0.004	-0.003	-0.001
FLAP2C	TS_SIN	0.000	-0.003	-0.001	-1.243	0.003	-0.001	-0.002	0.006	-0.003	0.001	0.004	-0.003	0.000	0.010	0.003	0.011
FLAP3C	TS_COS	-0.062	0.001	0.002	-0.796	0.002	-0.001	0.000	0.003	-0.003	-0.082	0.003	0.003	0.003	-0.001	-0.003	0.015
FLAP3C	TS_SIN	0.000	0.000	0.000	-1.239	-0.001	0.000	0.000	0.008	-0.005	0.030	0.005	-0.001	0.003	0.004	-0.001	-0.005
FLAP4C	TS_COS	-0.021	0.000	0.003	-0.801	-0.002	-0.003	0.001	0.006	0.002	-0.110	0.004	0.001	0.000	0.002	-0.004	-0.004
FLAP4C	TS_SIN	0.000	-0.002	0.002	-1.244	0.000	0.000	-0.003	0.013	0.000	-0.013	0.007	-0.006	0.002	0.012	0.000	0.011
FLAP5C	TS_COS	0.060	0.001	0.000	-0.801	-0.002	-0.001	0.001	0.003	-0.004	-0.118	0.007	-0.001	-0.006	-0.008	-0.001	0.010
FLAP5C	TS_SIN	0.000	-0.002	0.001	-1.244	0.002	-0.001	-0.002	0.005	-0.002	0.047	0.012	-0.004	-0.005	-0.007	0.003	0.007

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.020	-0.001	-0.004	-1.315	0.001	0.001	-0.002	0.017	-0.018	0.006	0.010	-0.008	-0.004	-0.002	0.005	-0.008
FLAP1C	TS_SIN	0.000	0.000	0.000	-0.679	-0.002	0.000	-0.001	-0.003	0.000	0.068	-0.010	-0.004	0.021	0.000	0.006	0.001
FLAP2C	TS_COS	0.029	-0.001	-0.002	-1.313	0.001	0.001	-0.002	-0.005	-0.024	0.003	0.007	0.004	-0.001	-0.001	0.004	0.007
FLAP2C	TS_SIN	0.000	-0.001	-0.002	-0.682	-0.004	-0.001	-0.002	0.007	-0.004	0.095	-0.008	-0.001	0.009	0.006	0.010	-0.016
FLAP3C	TS_COS	-0.065	-0.001	0.000	-1.308	0.000	0.000	-0.002	-0.001	-0.021	0.028	0.009	0.001	0.003	0.003	0.010	-0.013
FLAP3C	TS_SIN	0.000	0.000	-0.002	-0.679	-0.004	-0.001	0.000	0.010	-0.009	0.065	-0.008	0.005	0.005	0.000	0.000	-0.010
FLAP4C	TS_COS	-0.023	-0.001	0.000	-1.317	-0.002	0.000	-0.003	0.005	-0.019	-0.014	0.009	0.006	-0.001	0.002	0.004	0.018
FLAP4C	TS_SIN	0.000	0.000	0.002	-0.683	-0.003	0.000	-0.002	0.009	0.001	0.102	-0.004	-0.003	0.015	-0.001	0.005	-0.016
FLAP5C	TS_COS	0.057	-0.001	-0.002	-1.315	-0.001	0.000	-0.002	-0.001	-0.012	0.045	0.012	0.001	0.003	-0.001	0.006	-0.009
FLAP5C	TS_SIN	0.000	-0.001	0.001	-0.682	-0.001	-0.001	-0.001	-0.010	-0.005	0.102	-0.010	-0.004	0.013	0.010	0.001	-0.010
RUN	POINT	Harmonics															
52	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.024	0.000	-0.005	-1.478	0.002	0.000	-0.002	0.029	-0.012	0.074	-0.001	0.003	0.009	-0.009	-0.003	0.010
FLAP1C	TS_SIN	0.000	0.000	-0.001	0.072	0.001	-0.001	0.000	-0.005	0.010	-0.022	-0.009	0.014	0.012	0.006	-0.008	0.010
FLAP2C	TS_COS	0.033	0.000	-0.004	-1.478	0.002	0.001	-0.002	0.018	-0.024	0.095	-0.002	0.011	0.007	-0.011	0.006	-0.002
FLAP2C	TS_SIN	0.000	0.000	-0.003	0.069	-0.001	0.000	0.000	0.015	0.008	-0.019	-0.019	0.004	0.017	0.007	0.005	0.014
FLAP3C	TS_COS	-0.061	0.001	-0.002	-1.472	-0.001	0.000	-0.001	0.023	-0.015	0.072	-0.009	0.006	0.008	-0.002	0.004	0.020
FLAP3C	TS_SIN	0.000	0.000	-0.003	0.069	-0.002	0.000	0.000	0.004	0.006	-0.041	-0.002	0.006	0.011	0.004	-0.006	0.021
FLAP4C	TS_COS	-0.020	0.000	-0.001	-1.481	-0.002	0.001	-0.003	0.037	-0.014	0.095	0.000	0.012	0.014	-0.015	0.007	0.000
FLAP4C	TS_SIN	0.000	0.000	-0.001	0.071	0.000	-0.001	-0.001	-0.001	0.008	0.002	-0.007	0.006	0.022	0.010	0.002	0.001
FLAP5C	TS_COS	0.062	0.000	-0.002	-1.480	0.001	0.000	-0.001	0.019	-0.007	0.104	-0.006	0.001	0.017	-0.005	0.003	0.015
FLAP5C	TS_SIN	0.000	-0.001	0.000	0.071	0.002	-0.001	-0.001	-0.009	0.004	-0.051	-0.006	0.005	0.004	0.008	-0.001	0.013

RUN	POINT	Harmonics														
		52	53	0	1	2	3	4	5	6	7	8	9	10	11	12
FLAP1C	TS_COS	0.027	-0.001	-0.007	-1.247	0.001	0.002	-0.001	0.036	-0.007	-0.016	0.011	0.008	0.002	-0.007	-0.003
FLAP1C	TS_SIN	0.000	0.000	0.004	0.794	-0.002	0.001	0.003	-0.011	0.015	-0.093	0.006	0.011	0.011	0.014	0.003
FLAP2C	TS_COS	0.036	-0.001	-0.008	-1.249	0.001	0.002	-0.001	0.035	-0.016	-0.014	-0.009	0.013	0.009	-0.011	0.008
FLAP2C	TS_SIN	0.000	0.000	0.002	0.792	-0.004	0.001	0.001	0.001	0.016	-0.109	-0.005	0.005	-0.001	0.015	0.002
FLAP3C	TS_COS	-0.058	-0.001	-0.004	-1.244	-0.002	0.001	0.000	0.034	-0.003	-0.041	-0.003	0.007	0.008	0.002	0.007
FLAP3C	TS_SIN	0.000	0.000	0.000	0.790	-0.003	0.001	0.002	-0.015	0.010	-0.090	0.007	0.012	0.009	0.012	-0.012
FLAP4C	TS_COS	-0.016	-0.002	-0.004	-1.249	-0.003	0.001	0.000	0.044	-0.010	-0.002	-0.005	0.014	0.013	-0.005	0.012
FLAP4C	TS_SIN	0.000	0.000	0.002	0.797	0.000	0.001	0.001	-0.023	0.012	-0.111	-0.001	0.004	0.004	0.029	0.003
FLAP5C	TS_COS	0.064	-0.001	-0.004	-1.250	0.001	0.001	-0.001	0.030	-0.009	-0.049	-0.001	0.007	0.000	-0.006	-0.003
FLAP5C	TS_SIN	0.000	-0.001	0.004	0.795	-0.001	0.002	0.001	-0.016	0.014	-0.114	0.011	0.010	-0.004	0.021	-0.015
RUN POINT Harmonics		52	53	0	1	2	3	4	5	6	7	8	9	10	11	12
FLAP1C	TS_COS	0.022	-0.001	0.003	-0.679	0.002	-0.001	0.001	0.040	-0.011	-0.100	0.006	0.005	0.002	0.000	-0.009
FLAP1C	TS_SIN	0.000	0.000	-0.001	1.312	0.002	0.000	0.001	-0.018	0.017	0.015	-0.004	0.009	0.020	0.020	0.003
FLAP2C	TS_COS	0.032	-0.001	0.002	-0.683	0.000	0.000	0.001	0.039	-0.018	-0.123	-0.007	0.013	0.003	0.009	-0.013
FLAP2C	TS_SIN	0.000	0.001	-0.001	1.310	0.001	-0.002	0.000	-0.021	0.018	0.001	0.000	0.000	0.015	0.023	0.003
FLAP3C	TS_COS	-0.061	0.000	0.001	-0.681	-0.001	0.000	0.001	0.027	-0.015	-0.099	-0.001	0.017	0.006	0.010	-0.010
FLAP3C	TS_SIN	0.000	0.000	-0.004	1.305	0.002	0.000	0.000	-0.033	0.005	0.027	0.000	0.008	0.012	0.010	-0.001
FLAP4C	TS_COS	-0.021	-0.001	0.004	-0.683	0.000	-0.001	0.000	0.036	-0.014	-0.124	0.000	0.012	0.008	0.014	-0.007
FLAP4C	TS_SIN	0.000	0.001	-0.003	1.313	0.005	-0.002	-0.001	-0.037	0.012	-0.012	0.006	0.009	0.017	0.025	0.006
FLAP5C	TS_COS	0.060	-0.001	0.005	-0.683	0.002	-0.001	0.003	0.033	-0.017	-0.123	0.004	0.006	-0.001	0.012	-0.016
FLAP5C	TS_SIN	0.000	-0.001	-0.001	1.313	0.004	-0.002	0.001	-0.033	0.016	0.045	0.009	0.013	0.020	0.019	0.002

RUN	POINT	Harmonics																
		54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.025	0.000	-0.004	-0.004	0.062	0.004	0.000	0.002	0.019	-0.016	0.002	0.010	0.000	0.008	0.004	-0.016	0.002
FLAP1C	TS_SIN	0.000	-0.001	0.002	-0.004	1.477	-0.004	-0.001	0.002	-0.021	0.019	0.090	-0.003	-0.002	0.015	0.009	0.007	-0.005
FLAP2C	TS_COS	0.034	0.000	-0.006	-0.006	0.059	0.002	0.001	0.001	0.012	-0.018	-0.025	-0.004	-0.013	0.013	0.012	-0.003	-0.004
FLAP2C	TS_SIN	0.000	-0.001	0.002	0.002	1.477	-0.005	-0.001	0.002	-0.026	0.029	0.114	-0.001	-0.016	0.002	-0.002	0.008	0.006
FLAP3C	TS_COS	-0.060	-0.001	-0.005	-0.000	0.060	0.000	0.000	0.001	0.002	-0.018	0.013	0.000	-0.004	0.005	0.006	-0.007	0.003
FLAP3C	TS_SIN	0.000	-0.002	-0.001	-0.002	1.473	-0.002	-0.001	0.001	-0.036	0.011	0.084	0.008	-0.014	0.004	-0.004	0.004	-0.009
FLAP4C	TS_COS	-0.019	0.000	-0.004	-0.003	0.061	0.003	0.001	0.001	0.000	-0.018	-0.031	0.011	-0.005	0.015	0.009	-0.003	-0.002
FLAP4C	TS_SIN	0.000	0.000	0.000	-0.001	1.480	-0.001	-0.001	0.003	-0.028	0.019	0.105	-0.002	-0.011	0.006	0.005	0.009	0.013
FLAP5C	TS_COS	0.063	0.000	-0.002	0.005	0.062	0.005	-0.002	0.002	0.010	-0.017	0.027	0.017	-0.004	0.006	0.002	-0.012	0.001
FLAP5C	TS_SIN	0.000	-0.002	0.000	-0.002	1.479	-0.002	0.000	0.000	-0.040	0.026	0.114	0.003	0.001	0.008	-0.009	0.010	-0.007
RUN	POINT	Harmonics																
52	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
FLAP1C	TS_COS	0.018	0.000	-0.007	0.002	0.067	0.001	-0.001	0.002	-0.023	-0.012	-0.014	0.001	-0.013	0.009	-0.011	-0.008	
FLAP1C	TS_SIN	0.000	0.000	-0.001	0.003	1.481	-0.003	-0.002	0.003	0.028	0.028	-0.010	0.003	0.103	0.005	0.000	0.012	
FLAP2C	TS_COS	0.028	-0.001	-0.009	-0.002	0.066	0.066	-0.002	-0.002	0.021	-0.043	-0.008	-0.007	-0.013	-0.042	0.001	-0.006	-0.007
FLAP2C	TS_SIN	0.000	0.000	-0.001	0.002	1.481	-0.003	-0.002	-0.004	-0.004	0.034	0.028	0.011	0.012	0.109	-0.016	0.001	0.000
FLAP3C	TS_COS	-0.065	0.001	-0.006	-0.003	0.064	0.064	-0.004	-0.001	0.015	-0.026	-0.014	-0.014	-0.007	0.011	0.002	-0.011	0.004
FLAP3C	TS_SIN	0.000	0.000	-0.001	0.000	1.478	0.001	0.000	0.000	-0.001	0.031	0.016	0.003	0.014	0.100	-0.003	-0.006	0.000
FLAP4C	TS_COS	-0.025	0.000	-0.008	0.001	0.068	0.068	-0.001	-0.001	0.032	-0.041	-0.016	-0.010	-0.015	-0.052	0.009	-0.007	0.003
FLAP4C	TS_SIN	0.000	0.000	0.001	-0.002	1.484	0.003	-0.001	-0.001	0.004	0.050	0.014	0.019	0.012	0.106	-0.010	0.000	0.000
FLAP5C	TS_COS	0.058	0.000	-0.008	0.003	0.066	0.066	0.001	-0.002	0.011	-0.036	-0.010	0.001	-0.004	0.002	0.007	-0.015	-0.008
FLAP5C	TS_SIN	0.000	0.000	0.000	0.001	1.484	0.000	0.000	0.000	-0.011	0.052	0.022	-0.001	0.013	0.133	-0.006	0.001	0.004

RUN	POINT	Harmonics																
		56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.023	0.000	0.000	0.005	0.002	0.818	-0.001	0.000	0.000	0.000	-0.004	-0.004	0.004	0.101	0.004	-0.004	0.006
	FLAP1C_TS_SIN	0.000	-0.001	0.000	-0.001	0.000	1.236	-0.001	0.002	0.015	0.040	0.006	-0.011	0.000	0.015	0.004	0.016	-0.002
	FLAP2C_TS_COS	0.032	-0.001	0.004	0.004	-0.001	0.815	-0.003	0.000	0.004	-0.015	-0.002	0.005	0.007	0.103	-0.018	-0.002	-0.001
	FLAP2C_TS_SIN	0.000	0.001	-0.002	-0.002	0.002	1.238	-0.001	0.001	0.008	0.063	0.006	-0.011	0.012	0.043	0.003	0.008	0.007
	FLAP3C_TS_COS	-0.063	0.000	0.000	0.003	-0.002	0.813	-0.001	0.001	0.007	0.001	-0.012	-0.016	0.004	0.100	-0.001	-0.011	0.000
	FLAP3C_TS_SIN	0.000	0.000	0.000	-0.002	0.000	1.234	0.002	0.001	0.007	0.044	0.013	0.000	0.012	-0.015	0.002	0.012	-0.003
	FLAP4C_TS_COS	-0.020	-0.001	0.005	0.005	-0.001	0.817	0.002	0.001	0.027	0.011	-0.015	0.003	0.002	0.095	-0.011	-0.002	0.010
	FLAP4C_TS_SIN	0.000	0.000	-0.001	-0.001	-0.003	1.240	0.003	0.001	0.003	0.066	0.004	0.005	0.013	0.060	-0.001	0.012	-0.002
	FLAP5C_TS_COS	0.060	0.000	0.004	0.004	0.001	0.817	0.002	0.000	0.002	0.017	-0.007	-0.002	0.009	0.129	-0.008	-0.012	0.002
	FLAP5C_TS_SIN	0.000	0.001	-0.002	-0.002	-0.002	1.238	0.000	0.001	0.003	0.066	0.009	-0.005	0.003	0.001	0.000	0.014	0.003
RUN	POINT	Harmonics																
57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
	FLAP1C_TS_COS	0.020	-0.001	0.002	0.002	0.003	1.325	-0.002	0.001	-0.002	0.017	-0.010	0.004	0.005	0.020	0.011	0.007	0.006
	FLAP1C_TS_SIN	0.000	-0.003	-0.001	-0.001	0.000	0.665	-0.001	-0.001	0.006	0.026	0.001	-0.009	-0.007	-0.098	0.012	0.006	-0.006
	FLAP2C_TS_COS	0.030	0.000	0.003	0.003	0.002	1.325	-0.003	-0.001	-0.009	0.029	-0.010	0.000	0.015	0.051	0.000	0.002	0.008
	FLAP2C_TS_SIN	0.000	-0.001	0.000	0.000	0.003	0.667	0.002	-0.002	0.004	0.045	0.009	-0.008	-0.008	-0.100	0.024	0.013	0.000
	FLAP3C_TS_COS	-0.064	0.000	0.001	0.001	-0.002	1.319	0.000	0.000	-0.005	0.026	-0.009	-0.001	0.011	-0.009	-0.001	0.004	0.003
	FLAP3C_TS_SIN	0.000	-0.002	0.000	0.000	0.002	0.667	0.003	-0.001	0.003	0.027	0.019	0.010	-0.001	-0.100	0.006	0.007	0.007
	FLAP4C_TS_COS	-0.023	-0.001	0.003	0.003	-0.002	1.328	0.001	0.000	0.007	0.046	-0.019	0.008	0.014	0.062	-0.009	0.000	0.012
	FLAP4C_TS_SIN	0.000	-0.001	0.000	0.000	-0.001	0.666	0.002	-0.002	0.004	0.031	0.018	-0.008	-0.012	-0.088	0.021	0.012	-0.005
	FLAP5C_TS_COS	0.058	0.001	0.002	0.002	0.000	1.326	0.001	-0.001	-0.011	0.046	-0.011	0.005	0.007	0.009	-0.011	0.003	0.011
	FLAP5C_TS_SIN	0.000	-0.002	0.000	0.000	-0.002	0.668	0.000	-0.001	-0.006	0.022	0.010	0.000	-0.015	-0.122	0.015	0.006	-0.004

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.021	-0.001	0.005	0.002	1.481	-0.004	-0.001	-0.013	0.007	-0.023	-0.002	0.001	-0.082	0.012	0.003	0.006		
FLAP1C	TS_SIN	0.000	-0.001	-0.001	-0.001	-0.077	-0.001	0.000	0.016	0.006	0.003	-0.018	-0.011	-0.007	0.005	-0.001	-0.008		
FLAP2C	TS_COS	0.030	0.001	0.006	0.002	1.482	-0.003	-0.001	-0.022	0.027	-0.019	-0.009	0.000	-0.085	0.023	0.014	0.003		
FLAP2C	TS_SIN	0.000	0.000	0.000	0.002	-0.073	0.001	-0.001	0.007	-0.001	0.017	-0.012	-0.013	-0.035	0.021	0.013	0.001		
FLAP3C	TS_COS	-0.063	0.000	0.003	-0.002	1.476	0.001	0.000	-0.016	0.016	-0.004	0.008	0.002	-0.087	0.015	0.013	0.010		
FLAP3C	TS_SIN	0.000	-0.001	-0.001	0.003	-0.074	0.002	0.000	0.008	-0.005	0.020	0.005	-0.008	0.014	0.006	-0.006	-0.004		
FLAP4C	TS_COS	-0.022	-0.001	0.005	-0.003	1.484	0.000	-0.001	-0.013	0.028	-0.005	-0.007	0.003	-0.072	0.015	0.016	0.015		
FLAP4C	TS_SIN	0.000	0.000	-0.001	0.000	-0.075	0.001	0.000	0.016	-0.011	0.027	-0.016	-0.016	-0.044	0.024	0.006	-0.002		
FLAP5C	TS_COS	0.059	0.000	0.004	-0.001	1.483	-0.001	-0.002	-0.020	0.015	-0.010	0.002	-0.007	-0.107	0.010	0.008	0.001		
FLAP5C	TS_SIN	0.000	-0.001	0.000	-0.002	-0.076	-0.002	0.000	0.001	-0.022	0.019	-0.008	-0.011	0.004	0.016	-0.005	-0.004		
RUN	POINT	Harmonics																	
52	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.019	0.001	0.005	0.003	1.248	-0.004	0.000	0.000	-0.016	-0.028	-0.014	-0.006	-0.002	0.000	-0.011	0.001		
FLAP1C	TS_SIN	0.000	0.000	-0.001	0.000	-0.801	0.003	-0.002	0.031	0.001	0.009	-0.017	0.005	0.109	0.006	-0.009	0.001		
FLAP2C	TS_COS	0.028	0.002	0.004	0.004	1.250	-0.003	-0.001	0.002	-0.013	-0.007	-0.026	-0.014	-0.033	0.020	0.007	0.005		
FLAP2C	TS_SIN	0.000	0.000	0.000	0.002	-0.799	0.004	-0.003	0.024	-0.020	0.013	-0.006	-0.007	0.103	0.005	-0.005	0.015		
FLAP3C	TS_COS	-0.065	0.000	0.004	0.001	1.245	0.001	0.000	-0.002	-0.006	0.004	-0.007	-0.011	0.019	0.015	0.003	0.003		
FLAP3C	TS_SIN	0.000	-0.001	0.000	0.005	-0.797	0.002	-0.002	0.011	-0.015	0.007	0.000	0.003	0.109	0.005	-0.018	0.001		
FLAP4C	TS_COS	-0.024	0.001	0.004	-0.001	1.250	-0.001	-0.001	0.002	-0.030	0.004	-0.022	-0.008	-0.039	0.026	0.006	0.008		
FLAP4C	TS_SIN	0.000	0.000	-0.002	0.003	-0.803	0.001	-0.002	0.031	-0.020	0.010	0.000	0.001	0.100	0.005	-0.006	-0.005		
FLAP5C	TS_COS	0.057	0.001	0.005	-0.001	1.249	-0.002	0.000	-0.004	-0.031	0.004	-0.008	-0.008	0.004	0.014	-0.005	0.001		
FLAP5C	TS_SIN	0.000	-0.002	0.000	0.002	-0.801	-0.001	-0.002	0.015	-0.017	0.008	-0.013	0.008	0.131	0.000	-0.010	0.008		

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.028	0.000	0.004	-0.003	0.674	0.000	0.000	0.018	-0.037	-0.019	-0.005	-0.003	0.100	-0.003	-0.012	-0.004
FLAP1C	TS_SIN	0.000	0.001	-0.001	-0.003	-1.327	0.001	0.004	0.024	0.007	0.004	0.005	0.017	0.022	0.020	0.007	0.007
FLAP2C	TS_COS	0.037	0.002	0.005	0.000	0.678	0.003	-0.001	0.019	-0.039	-0.004	-0.018	-0.004	0.101	-0.011	-0.016	0.009
FLAP2C	TS_SIN	0.000	0.000	-0.003	-0.002	-1.325	0.003	0.006	0.009	-0.004	-0.010	0.009	0.002	0.051	0.005	-0.010	-0.001
FLAP3C	TS_COS	-0.059	-0.001	0.003	0.000	0.673	0.004	0.000	0.006	-0.030	-0.003	-0.007	-0.008	0.099	-0.005	-0.006	0.007
FLAP3C	TS_SIN	0.000	-0.001	-0.002	0.002	-1.320	0.001	0.002	0.007	-0.006	-0.014	0.010	0.008	-0.001	0.010	-0.005	0.001
FLAP4C	TS_COS	-0.015	0.001	0.003	-0.005	0.676	0.004	-0.002	0.030	-0.058	-0.007	-0.013	0.002	0.105	-0.004	-0.004	0.000
FLAP4C	TS_SIN	0.000	0.002	-0.001	0.000	-1.328	-0.002	0.004	0.014	0.008	-0.016	0.021	0.015	0.067	0.004	-0.006	0.003
FLAP5C	TS_COS	0.065	0.001	0.005	-0.005	0.676	0.000	0.002	0.007	-0.042	0.005	-0.012	-0.006	0.123	-0.009	-0.012	0.004
FLAP5C	TS_SIN	0.000	-0.002	-0.002	-0.002	-1.327	-0.002	0.005	-0.003	0.013	-0.009	0.013	0.007	0.001	0.005	0.004	0.006
RUN	POINT	Harmonics															
52	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.024	0.001	0.007	-0.003	-0.072	-0.001	-0.001	0.041	-0.043	-0.016	0.004	0.008	0.009	-0.005	0.015	0.010
FLAP1C	TS_SIN	0.000	-0.002	0.000	-0.001	-1.481	0.003	0.001	0.014	0.034	0.000	-0.002	0.009	-0.077	0.016	-0.005	-0.001
FLAP2C	TS_COS	0.033	0.001	0.008	0.000	-0.069	0.002	0.000	0.015	-0.056	-0.006	0.008	-0.008	0.032	-0.014	0.009	0.001
FLAP2C	TS_SIN	0.000	-0.003	0.000	0.000	-1.482	0.002	0.002	-0.007	0.029	-0.018	0.012	0.004	-0.090	0.009	-0.002	-0.004
FLAP3C	TS_COS	-0.060	0.000	0.006	0.002	-0.069	0.003	0.000	0.017	-0.037	-0.015	0.008	-0.004	-0.019	-0.011	0.004	0.012
FLAP3C	TS_SIN	0.000	-0.002	0.000	0.002	-1.477	-0.001	0.000	0.001	0.023	-0.015	0.005	0.011	-0.081	0.012	-0.005	-0.017
FLAP4C	TS_COS	-0.019	0.002	0.007	-0.002	-0.071	0.000	-0.002	0.046	-0.046	-0.024	0.005	-0.004	0.040	-0.018	0.015	0.019
FLAP4C	TS_SIN	0.000	-0.002	0.000	0.004	-1.484	-0.003	0.001	-0.001	0.057	-0.017	0.010	0.014	-0.077	0.012	-0.012	0.001
FLAP5C	TS_COS	0.062	0.001	0.009	-0.004	-0.071	-0.002	0.001	0.021	-0.039	-0.004	0.008	0.000	-0.018	-0.018	-0.002	0.004
FLAP5C	TS_SIN	0.000	-0.003	0.001	0.001	-1.483	0.000	0.001	-0.010	0.042	-0.012	0.009	0.008	-0.107	0.012	-0.006	-0.017

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.023	0.000	0.001	-0.001	-0.813	0.001	0.003	0.060	-0.006	-0.010	-0.001	-0.003	-0.110	-0.005	0.011	0.010
FLAP1C	TS_SIN	0.000	0.002	0.001	-0.001	-1.238	0.003	0.000	0.004	0.063	-0.004	-0.019	-0.010	0.000	0.012	-0.015	-0.007
FLAP2C	TS_COS	0.034	0.000	0.002	0.001	-0.812	0.003	0.003	0.025	-0.019	-0.015	0.022	0.001	-0.113	-0.008	0.005	0.013
FLAP2C	TS_SIN	0.000	0.001	0.001	-0.004	-1.239	0.001	0.001	-0.003	0.065	-0.017	-0.026	0.001	-0.022	0.016	-0.017	-0.007
FLAP3C	TS_COS	-0.061	-0.001	0.001	0.003	-0.807	0.002	0.001	0.029	-0.003	-0.016	0.008	-0.011	-0.116	-0.001	0.014	0.001
FLAP3C	TS_SIN	0.000	0.002	0.001	-0.001	-1.236	-0.002	0.000	-0.010	0.045	-0.004	-0.012	0.002	0.022	0.015	-0.009	-0.009
FLAP4C	TS_COS	-0.019	0.001	0.000	0.002	-0.814	-0.001	0.002	0.058	0.017	-0.028	0.017	0.001	-0.102	-0.007	0.003	0.023
FLAP4C	TS_SIN	0.000	0.002	0.000	0.002	-1.241	-0.002	0.001	-0.008	0.077	-0.010	-0.022	-0.001	-0.025	0.026	-0.018	-0.022
FLAP5C	TS_COS	0.061	-0.001	0.003	0.000	-0.812	-0.002	0.002	0.035	0.002	-0.010	0.008	-0.005	-0.133	0.001	0.004	0.000
FLAP5C	TS_SIN	0.000	0.001	0.000	0.001	-1.240	0.001	0.000	-0.016	0.059	-0.016	-0.019	-0.014	0.025	0.020	-0.006	-0.022
RUN	POINT	Harmonics															
52	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.019	0.001	-0.005	-0.003	-1.326	0.004	-0.004	0.047	0.033	-0.001	-0.002	-0.009	-0.012	0.000	-0.016	-0.008
FLAP1C	TS_SIN	0.000	0.000	0.002	-0.001	-0.669	0.001	0.000	-0.027	0.028	-0.008	-0.012	0.007	0.113	0.003	0.000	-0.007
FLAP2C	TS_COS	0.029	0.000	-0.005	0.000	-1.325	0.005	-0.004	0.019	0.025	-0.010	0.000	0.003	-0.032	0.007	-0.016	-0.007
FLAP2C	TS_SIN	0.000	-0.001	0.001	-0.002	-0.669	0.000	-0.001	-0.013	0.031	-0.008	-0.032	0.011	0.120	0.003	-0.002	-0.007
FLAP3C	TS_COS	-0.065	0.000	-0.003	0.002	-1.321	0.001	-0.003	0.016	0.025	0.000	-0.004	-0.004	0.011	0.010	-0.007	-0.003
FLAP3C	TS_SIN	0.000	0.000	0.001	-0.001	-0.668	-0.002	0.000	-0.021	0.022	-0.003	-0.016	0.017	0.118	0.003	-0.013	0.005
FLAP4C	TS_COS	-0.024	0.000	-0.004	0.002	-1.329	0.000	-0.003	0.036	0.055	-0.016	0.008	0.001	-0.039	0.009	-0.016	-0.006
FLAP4C	TS_SIN	0.000	-0.002	0.002	0.003	-0.670	0.000	0.001	-0.022	0.025	0.005	-0.037	0.007	0.115	0.010	0.000	-0.017
FLAP5C	TS_COS	0.057	0.000	-0.004	0.000	-1.326	0.000	-0.003	0.029	0.038	-0.010	0.002	-0.008	0.021	0.016	-0.005	-0.012
FLAP5C	TS_SIN	0.000	-0.001	0.002	0.002	-0.671	0.002	-0.002	-0.029	0.021	-0.011	-0.024	0.002	0.140	0.002	-0.008	-0.009

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
52	64																
FLAP1C	TS_COS	0.021	0.001	-0.003	-0.002	-1.481	0.005	-0.002	0.037	0.025	-0.004	-0.001	0.001	0.105	-0.004	-0.009	-0.003
FLAP1C	TS_SIN	0.000	0.001	0.002	0.000	0.077	0.001	0.002	-0.023	-0.010	-0.023	0.010	0.018	0.020	0.001	0.010	-0.005
FLAP2C	TS_COS	0.031	-0.001	-0.004	-0.002	-1.481	0.004	-0.002	0.023	0.028	-0.004	-0.024	0.005	0.113	0.000	-0.005	-0.009
FLAP2C	TS_SIN	0.000	0.001	0.001	-0.002	0.074	0.000	0.001	-0.002	-0.011	-0.016	-0.013	0.008	0.046	0.003	0.017	-0.004
FLAP3C	TS_COS	-0.063	0.000	-0.001	0.001	-1.477	0.000	-0.001	0.015	0.020	0.006	-0.014	0.010	0.112	0.009	-0.012	0.001
FLAP3C	TS_SIN	0.000	0.002	0.000	-0.003	0.074	-0.002	0.002	-0.018	-0.016	-0.013	0.001	0.015	-0.004	-0.004	0.004	0.000
FLAP4C	TS_COS	-0.022	0.000	-0.003	0.002	-1.485	0.001	-0.002	0.015	0.030	0.008	-0.015	0.011	0.109	0.004	-0.004	-0.003
FLAP4C	TS_SIN	0.000	0.001	0.001	0.000	0.075	0.000	0.002	-0.014	-0.037	-0.008	-0.012	0.012	0.056	0.002	0.020	0.002
FLAP5C	TS_COS	0.059	-0.001	-0.002	0.001	-1.483	0.001	-0.002	0.030	0.025	-0.002	-0.010	0.000	0.134	-0.006	-0.009	-0.002
FLAP5C	TS_SIN	0.000	0.001	0.000	0.000	0.074	0.001	0.000	-0.023	-0.026	-0.014	0.002	0.018	-0.006	-0.007	-0.001	0.004
RUN	POINT	Harmonics															
52	65																
FLAP1C	TS_COS	0.020	0.001	0.000	-0.001	-1.247	0.003	0.001	0.026	-0.001	-0.024	0.016	0.013	0.015	-0.011	0.004	-0.003
FLAP1C	TS_SIN	0.000	-0.001	0.000	0.003	0.803	-0.002	0.000	-0.014	-0.021	-0.016	0.016	0.015	-0.084	0.017	0.009	0.009
FLAP2C	TS_COS	0.029	0.000	0.000	-0.003	-1.249	0.001	0.000	0.028	0.002	-0.022	-0.014	0.005	0.041	-0.002	0.010	-0.004
FLAP2C	TS_SIN	0.000	-0.001	0.000	0.001	0.801	-0.003	-0.001	0.006	-0.031	-0.010	0.009	-0.005	-0.102	0.018	0.007	0.013
FLAP3C	TS_COS	-0.064	0.001	0.001	0.000	-1.244	-0.002	0.000	0.019	-0.003	-0.009	-0.005	0.005	-0.010	0.000	0.010	-0.003
FLAP3C	TS_SIN	0.000	-0.001	-0.001	-0.002	0.799	-0.002	0.001	-0.009	-0.027	-0.012	0.013	0.001	-0.093	0.009	0.017	0.010
FLAP4C	TS_COS	-0.024	0.001	0.000	0.002	-1.249	-0.002	0.001	0.015	-0.023	-0.003	-0.008	0.012	0.047	-0.003	0.019	0.001
FLAP4C	TS_SIN	0.000	-0.002	0.000	0.001	0.805	0.000	0.000	0.001	-0.051	-0.022	0.013	0.002	-0.092	0.014	0.011	0.010
FLAP5C	TS_COS	0.057	0.000	0.001	0.002	-1.248	0.002	-0.001	0.030	-0.015	-0.018	0.002	0.010	-0.007	-0.014	0.005	0.003
FLAP5C	TS_SIN	0.000	-0.001	-0.001	0.002	0.804	-0.001	-0.001	-0.017	-0.038	-0.011	0.018	0.014	-0.118	0.015	0.002	0.013

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
52	66																	
FLAP1C	TS_COS	0.025	0.000	-0.011	-0.002	-0.670	0.006	0.000	0.014	-0.022	-0.022	0.011	0.009	-0.098	0.000	-0.001	-0.012	
FLAP1C	TS_SIN	0.000	0.002	0.000	-0.001	1.316	0.001	0.001	-0.010	-0.008	0.016	-0.005	0.007	-0.003	0.019	0.000	0.010	
FLAP2C	TS_COS	0.035	-0.002	-0.014	-0.003	-0.671	0.003	-0.002	0.029	-0.032	-0.017	-0.003	-0.008	-0.107	0.013	0.002	-0.003	
FLAP2C	TS_SIN	0.000	0.003	-0.001	0.000	1.317	-0.001	0.000	0.001	-0.016	0.024	0.015	-0.006	-0.042	0.003	-0.003	0.009	
FLAP3C	TS_COS	-0.061	-0.001	-0.009	-0.002	-0.671	0.000	-0.001	0.019	-0.027	-0.009	0.005	-0.002	-0.105	-0.002	0.010	0.000	
FLAP3C	TS_SIN	0.000	0.002	-0.001	-0.003	1.312	0.000	0.002	-0.008	-0.008	0.007	0.007	0.003	0.016	0.003	-0.003	0.019	
FLAP4C	TS_COS	-0.019	-0.001	-0.012	-0.001	-0.671	0.003	0.000	0.025	-0.049	-0.010	0.004	0.001	-0.104	0.005	0.004	-0.001	
FLAP4C	TS_SIN	0.000	0.004	0.001	-0.004	1.318	0.004	0.001	0.006	-0.012	-0.001	0.016	-0.003	-0.040	0.012	-0.007	0.010	
FLAP5C	TS_COS	0.063	-0.001	-0.010	0.001	-0.673	0.004	-0.001	0.026	-0.046	-0.018	0.015	0.001	-0.131	0.001	-0.009	-0.003	
FLAP5C	TS_SIN	0.000	0.003	0.000	-0.001	1.319	0.003	0.001	-0.014	-0.001	0.013	0.012	0.007	0.013	0.016	-0.011	0.007	
52	67																	
RUN	POINT	Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.020	0.000	-0.002	0.002	0.094	0.000	-0.001	0.009	-0.020	-0.011	-0.016	0.000	-0.013	0.010	-0.012	-0.003	
FLAP1C	TS_SIN	0.000	0.000	0.001	0.000	1.481	-0.002	-0.001	0.000	0.030	0.026	-0.007	0.002	0.105	0.001	-0.002	0.013	
FLAP2C	TS_COS	0.029	-0.001	-0.002	0.000	0.092	-0.003	-0.002	0.026	-0.040	-0.004	-0.007	-0.011	-0.046	0.001	-0.008	-0.004	
FLAP2C	TS_SIN	0.000	0.002	0.002	0.000	1.481	-0.002	-0.002	-0.005	0.034	0.033	0.017	0.013	0.110	-0.019	-0.001	0.000	
FLAP3C	TS_COS	-0.064	0.001	-0.001	-0.001	0.090	-0.003	-0.001	0.021	-0.022	-0.012	-0.013	-0.007	0.010	0.002	-0.012	0.009	
FLAP3C	TS_SIN	0.000	0.001	0.001	-0.001	1.477	0.002	0.000	-0.006	0.033	0.019	0.007	0.013	0.103	-0.008	-0.007	-0.003	
FLAP4C	TS_COS	-0.023	0.000	-0.001	0.002	0.094	0.000	-0.002	0.039	-0.037	-0.015	-0.009	-0.015	-0.056	0.009	-0.010	0.006	
FLAP4C	TS_SIN	0.000	0.001	0.003	-0.003	1.484	0.004	-0.001	0.001	0.053	0.019	0.024	0.013	0.106	-0.012	-0.002	0.001	
FLAP5C	TS_COS	0.058	0.001	-0.001	0.004	0.093	0.002	-0.002	0.015	-0.031	-0.009	-0.001	-0.004	0.003	0.009	-0.016	-0.006	
FLAP5C	TS_SIN	0.000	0.001	0.001	-0.001	1.482	0.001	-0.001	-0.012	0.052	0.024	0.001	0.014	0.131	-0.009	-0.002	0.003	

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
52	68																
		0.023	0.001	-0.001	-0.002	0.003	0.000	0.000	0.002	-0.001	-0.001	0.002	0.003	0.002	0.000	-0.001	-0.001
		FLAP1C_TS_COS															
		0.000	-0.002	0.000	0.001	0.001	-0.001	0.000	0.004	0.002	0.000	-0.003	0.000	0.002	0.003	0.002	0.000
		FLAP1C_TS_SIN															
		0.034	0.000	0.001	-0.003	0.004	0.000	0.000	-0.001	-0.004	-0.005	-0.003	0.000	0.002	0.002	0.001	0.000
		FLAP2C_TS_COS															
		0.000	-0.002	0.000	-0.001	0.003	-0.001	0.000	0.002	0.002	0.002	0.000	-0.001	-0.001	0.000	0.000	0.000
		FLAP2C_TS_SIN															
		-0.063	0.001	0.002	-0.003	0.002	0.001	-0.001	0.000	-0.003	-0.003	-0.001	0.001	0.003	0.002	0.001	0.000
		FLAP3C_TS_COS															
		0.000	-0.002	0.000	0.000	0.003	-0.001	0.000	0.001	0.002	0.002	0.003	0.002	0.001	0.000	-0.001	-0.001
		FLAP3C_TS_SIN															
		-0.017	0.002	0.001	-0.003	0.003	0.000	0.000	0.000	-0.003	-0.003	-0.002	0.001	0.003	0.002	0.001	0.000
		FLAP4C_TS_COS															
		0.000	-0.002	0.000	-0.001	0.002	-0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.001	-0.001	-0.001	-0.001
		FLAP4C_TS_SIN															
		0.061	0.003	0.000	-0.002	0.003	0.002	0.000	0.000	-0.002	-0.001	0.001	0.001	0.001	0.000	-0.001	-0.001
		FLAP5C_TS_COS															
		0.000	-0.003	0.000	-0.001	0.002	-0.001	0.001	0.000	0.001	0.000	0.001	0.001	0.000	0.000	-0.001	0.000
		FLAP5C_TS_SIN															
52	69																
		0.013	0.001	-0.001	0.002	0.003	0.106	0.000	0.028	-0.002	-0.005	-0.011	0.013	0.025	0.008	-0.011	-0.034
		FLAP1C_TS_COS															
		0.000	-0.002	-0.001	-0.001	0.005	1.489	-0.005	0.046	-0.001	0.020	-0.020	-0.002	0.002	0.007	0.010	0.098
		FLAP1C_TS_SIN															
		0.023	0.001	-0.002	0.001	0.000	0.102	-0.003	0.031	0.009	-0.002	-0.025	0.003	0.023	0.000	-0.021	-0.072
		FLAP2C_TS_COS															
		0.000	-0.001	0.002	0.000	0.003	1.490	-0.005	0.048	0.005	0.014	-0.004	-0.017	0.022	0.012	0.025	0.095
		FLAP2C_TS_SIN															
		-0.069	0.001	0.001	0.001	-0.002	0.103	-0.005	0.043	0.006	-0.003	-0.016	-0.011	0.020	0.005	-0.015	-0.016
		FLAP3C_TS_COS															
		0.000	0.000	0.000	0.001	0.000	1.485	0.000	0.036	-0.008	0.016	-0.001	-0.012	0.005	0.004	0.011	0.107
		FLAP3C_TS_SIN															
		-0.030	0.002	-0.001	0.002	0.002	0.104	-0.002	0.039	0.004	-0.001	-0.041	0.003	0.020	0.000	-0.025	-0.076
		FLAP4C_TS_COS															
		0.000	0.000	0.000	0.001	-0.002	1.494	0.002	0.052	0.009	0.021	0.017	-0.022	0.023	0.012	0.019	0.082
		FLAP4C_TS_SIN															
		0.052	0.000	0.000	0.001	0.005	0.105	0.000	0.013	0.011	-0.005	-0.034	0.005	0.018	0.002	-0.021	-0.020
		FLAP5C_TS_COS															
		0.000	-0.001	0.001	0.000	0.002	1.493	0.000	0.019	0.007	0.007	0.023	-0.005	0.014	0.009	0.025	0.118
		FLAP5C TS SIN															

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.022	0.001	-0.001	0.000	0.003	0.831	-0.001	0.063	-0.030	-0.005	-0.005	0.022	0.018	-0.014	-0.013	0.093
FLAP1C	TS_SIN	0.000	-0.001	0.000	0.000	0.002	1.240	-0.003	0.030	0.004	-0.013	-0.018	-0.003	0.013	0.009	0.009	0.032
FLAP2C	TS_COS	0.032	0.001	-0.001	-0.002	-0.001	0.830	-0.003	0.066	-0.022	-0.010	-0.012	0.004	0.041	-0.007	-0.005	0.077
FLAP2C	TS_SIN	0.000	-0.001	0.002	0.002	0.003	1.241	-0.001	0.032	0.004	-0.004	0.011	-0.014	0.008	0.009	0.016	0.072
FLAP3C	TS_COS	-0.062	0.000	0.000	-0.001	-0.003	0.825	-0.002	0.061	-0.019	0.004	-0.008	-0.002	0.026	-0.005	-0.004	0.098
FLAP3C	TS_SIN	0.000	0.000	0.000	0.000	0.000	1.238	0.001	0.007	-0.008	-0.006	0.002	-0.007	0.010	0.009	0.015	0.018
FLAP4C	TS_COS	-0.020	0.002	-0.002	0.000	-0.001	0.833	0.001	0.074	-0.027	0.000	-0.005	-0.005	0.037	-0.007	-0.002	0.077
FLAP4C	TS_SIN	0.000	-0.001	0.001	0.002	-0.003	1.242	0.001	0.030	0.005	-0.019	0.030	-0.011	0.016	0.011	0.022	0.076
FLAP5C	TS_COS	0.061	0.001	0.001	-0.001	0.002	0.830	0.002	0.040	-0.018	-0.010	0.012	0.020	0.023	-0.011	-0.007	0.110
FLAP5C	TS_SIN	0.000	-0.001	0.002	0.001	-0.001	1.244	-0.001	0.019	0.006	-0.016	0.034	0.000	0.021	-0.001	0.019	0.018
RUN	POINT	Harmonics															
52	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.014	0.000	0.006	0.003	0.000	1.338	0.000	0.090	-0.041	-0.021	-0.005	0.005	0.003	-0.009	-0.002	0.029
FLAP1C	TS_SIN	0.000	-0.004	-0.001	0.003	0.005	0.647	-0.008	-0.004	0.024	-0.028	-0.009	-0.017	0.019	0.018	0.003	-0.098
FLAP2C	TS_COS	0.023	0.000	0.008	0.001	-0.002	1.336	-0.002	0.097	-0.040	-0.027	0.004	0.006	0.018	-0.005	0.001	0.061
FLAP2C	TS_SIN	0.000	-0.004	0.001	0.005	0.008	0.650	-0.004	0.001	0.020	-0.010	0.011	-0.010	-0.005	0.014	-0.001	-0.085
FLAP3C	TS_COS	-0.068	0.001	0.005	0.001	-0.004	1.334	0.001	0.073	-0.029	-0.017	0.000	-0.005	0.013	0.003	0.003	0.011
FLAP3C	TS_SIN	0.000	-0.002	0.000	0.001	0.005	0.648	-0.001	-0.031	0.008	-0.017	0.003	-0.001	0.007	0.018	0.001	-0.098
FLAP4C	TS_COS	-0.029	0.000	0.007	0.003	-0.006	1.339	0.005	0.106	-0.033	-0.021	0.023	-0.001	0.023	-0.002	0.010	0.066
FLAP4C	TS_SIN	0.000	-0.004	0.000	0.005	0.004	0.650	-0.005	-0.006	0.023	-0.024	0.010	0.005	-0.001	0.021	-0.001	-0.074
FLAP5C	TS_COS	0.053	0.001	0.008	0.001	-0.002	1.341	0.005	0.070	-0.018	-0.022	0.037	0.005	0.015	-0.007	0.004	0.008
FLAP5C	TS_SIN	0.000	-0.002	0.000	0.004	0.002	0.648	-0.006	-0.008	0.014	-0.015	0.011	-0.019	0.008	0.009	0.001	-0.116

RUN	POINT	Harmonics																	
		52	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.026	0.000	0.003	0.000	0.003	0.000	0.003	1.487	-0.002	0.071	-0.047	-0.050	0.015	-0.007	-0.001	-0.001	-0.006	-0.087
FLAP1C	TS_SIN	0.000	0.001	0.000	-0.002	-0.001	-0.002	-0.001	-0.102	-0.002	-0.029	0.040	-0.020	-0.007	0.005	0.024	0.008	-0.017	-0.045
FLAP2C	TS_COS	0.035	0.000	0.005	-0.002	0.003	-0.002	0.003	1.488	-0.001	0.085	-0.044	-0.036	0.012	-0.001	-0.003	0.010	-0.015	-0.085
FLAP2C	TS_SIN	0.000	0.001	0.001	0.000	0.003	0.000	0.003	-0.098	0.001	-0.046	0.020	-0.004	0.004	0.001	-0.002	0.018	-0.009	-0.073
FLAP3C	TS_COS	-0.060	0.000	0.003	-0.001	-0.001	-0.001	-0.001	1.483	0.002	0.055	-0.034	-0.038	0.008	0.001	0.003	0.016	-0.010	-0.096
FLAP3C	TS_SIN	0.000	0.001	0.000	-0.001	0.004	-0.001	0.004	-0.099	0.002	-0.066	0.021	-0.011	0.007	0.022	0.008	0.002	-0.019	-0.022
FLAP4C	TS_COS	-0.016	0.000	0.003	-0.001	-0.003	-0.001	-0.003	1.491	0.005	0.091	-0.034	-0.044	0.027	0.002	-0.006	0.013	-0.010	-0.072
FLAP4C	TS_SIN	0.000	0.002	0.002	-0.001	0.001	-0.001	0.001	-0.099	-0.003	-0.053	0.027	-0.021	-0.009	0.024	0.000	0.025	-0.012	-0.073
FLAP5C	TS_COS	0.064	0.002	0.005	-0.001	0.000	-0.001	0.000	1.489	0.001	0.067	-0.025	-0.027	0.045	-0.011	-0.004	0.006	-0.007	-0.111
FLAP5C	TS_SIN	0.000	0.001	0.000	-0.001	-0.002	-0.001	-0.002	-0.100	-0.003	-0.039	0.002	-0.008	-0.014	0.009	0.003	0.007	-0.020	-0.016
RUN	POINT	Harmonics																	
52	74	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.021	0.000	0.003	0.000	0.003	0.000	-0.002	0.660	-0.001	0.047	-0.002	-0.027	0.000	0.008	0.008	-0.013	0.002	0.093
FLAP1C	TS_SIN	0.000	-0.001	-0.001	-0.001	-0.002	-0.001	-0.002	-1.340	0.002	-0.049	0.047	0.043	0.012	0.009	0.008	0.031	0.005	0.045
FLAP2C	TS_COS	0.030	0.000	0.005	0.001	0.002	0.001	0.002	0.664	0.002	0.030	-0.032	-0.023	-0.010	0.008	0.002	-0.028	0.002	0.104
FLAP2C	TS_SIN	0.000	0.000	-0.001	-0.001	-0.001	-0.001	-0.001	-1.338	0.003	-0.066	0.027	0.019	-0.008	0.014	0.019	0.005	-0.004	0.054
FLAP3C	TS_COS	-0.064	0.000	0.001	0.000	0.001	0.000	0.001	0.662	0.004	0.009	-0.015	-0.013	0.002	0.016	0.006	-0.026	-0.006	0.107
FLAP3C	TS_SIN	0.000	0.000	-0.002	-0.001	0.004	-0.001	0.004	-1.332	0.001	-0.075	0.025	0.040	0.015	0.007	0.006	0.002	0.004	0.011
FLAP4C	TS_COS	-0.023	0.000	0.004	0.001	-0.004	0.001	-0.004	0.664	0.002	0.038	-0.008	-0.024	-0.017	0.017	0.001	-0.031	0.002	0.095
FLAP4C	TS_SIN	0.000	0.001	0.000	-0.001	0.004	-0.001	0.004	-1.340	-0.003	-0.065	0.027	0.056	-0.006	0.006	0.020	0.009	0.002	0.060
FLAP5C	TS_COS	0.060	0.000	0.004	0.001	-0.005	0.001	-0.005	0.662	-0.002	0.049	-0.029	-0.013	-0.023	0.019	0.005	-0.028	-0.009	0.110
FLAP5C	TS_SIN	0.000	-0.001	-0.003	0.000	0.000	0.000	0.000	-1.340	-0.002	-0.074	0.017	0.031	-0.008	0.013	0.013	0.022	0.006	0.003

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
52	75																
FLAP1C_TS_COS	0.020	0.000	0.002	0.002	-0.001	-0.004	-0.119	-0.003	-0.002	0.005	0.005	-0.009	-0.009	-0.017	0.005	-0.002	0.045
FLAP1C_TS_SIN	0.000	0.000	0.002	0.001	-0.005	-1.489	0.003	0.003	-0.028	0.019	0.033	-0.005	0.000	0.002	0.024	0.008	-0.085
FLAP2C_TS_COS	0.029	0.001	0.004	0.000	0.001	-0.114	0.000	0.000	-0.025	-0.017	0.006	-0.026	-0.001	-0.020	-0.020	-0.007	0.063
FLAP2C_TS_SIN	0.000	0.001	0.001	0.000	-0.005	-1.491	0.003	0.003	-0.027	0.013	0.018	-0.014	-0.001	0.007	0.022	0.002	-0.099
FLAP3C_TS_COS	-0.063	0.000	0.001	0.000	0.001	-0.116	0.003	0.003	-0.034	-0.007	0.022	-0.010	-0.007	-0.022	-0.019	0.005	0.018
FLAP3C_TS_SIN	0.000	0.000	0.001	0.001	0.000	-1.486	-0.002	-0.002	-0.031	0.007	0.023	0.000	0.004	0.007	0.021	0.010	-0.110
FLAP4C_TS_COS	-0.023	0.000	0.003	-0.002	-0.003	-0.116	-0.002	-0.002	-0.016	-0.008	0.021	-0.018	0.002	-0.006	-0.014	-0.004	0.069
FLAP4C_TS_SIN	0.000	-0.001	0.002	0.001	0.002	-1.491	-0.003	-0.003	-0.037	0.008	0.047	0.008	-0.005	0.008	0.031	-0.002	-0.095
FLAP5C_TS_COS	0.059	0.000	0.002	0.001	-0.005	-0.117	-0.005	-0.005	-0.007	-0.025	0.006	-0.034	-0.003	-0.018	-0.007	-0.005	0.012
FLAP5C_TS_SIN	0.000	-0.001	-0.001	0.000	0.000	-1.491	0.000	0.000	-0.042	0.019	0.021	0.003	-0.012	0.006	0.036	0.010	-0.106
52	76																
RUN	POINT	Harmonics															
0		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
FLAP1C_TS_COS	0.023	0.000	0.001	0.000	-0.001	-0.837	0.001	-0.031	0.008	0.015	-0.016	-0.004	-0.004	-0.005	0.012	-0.003	-0.093
FLAP1C_TS_SIN	0.000	0.001	0.003	-0.001	-0.002	-1.234	0.003	0.003	0.006	0.003	0.016	0.005	0.005	0.009	-0.011	0.001	-0.041
FLAP2C_TS_COS	0.033	0.000	0.001	0.000	0.002	-0.835	0.004	0.004	-0.037	-0.009	0.010	-0.020	0.000	0.000	0.007	-0.011	-0.110
FLAP2C_TS_SIN	0.000	0.001	0.001	-0.002	-0.004	-1.237	0.001	0.001	-0.004	0.015	0.007	0.010	-0.009	0.012	0.006	0.005	-0.060
FLAP3C_TS_COS	-0.061	0.000	0.000	0.001	0.004	-0.833	0.003	0.003	-0.053	-0.002	0.025	-0.011	-0.009	-0.005	0.009	0.003	-0.115
FLAP3C_TS_SIN	0.000	0.001	0.001	0.000	0.000	-1.232	-0.002	-0.002	0.000	0.002	0.003	0.004	0.004	0.011	0.010	-0.002	-0.014
FLAP4C_TS_COS	-0.020	0.000	0.002	-0.001	0.003	-0.841	-0.001	-0.001	-0.043	-0.016	0.031	-0.011	-0.007	-0.004	0.011	-0.014	-0.101
FLAP4C_TS_SIN	0.000	0.000	0.001	-0.002	0.002	-1.235	-0.002	-0.002	-0.007	0.007	0.007	0.025	-0.006	0.011	0.009	0.005	-0.067
FLAP5C_TS_COS	0.061	0.000	0.000	0.002	0.000	-0.839	-0.002	-0.002	-0.026	-0.010	0.013	-0.013	-0.015	-0.009	0.012	-0.013	-0.112
FLAP5C_TS_SIN	0.000	0.000	0.001	-0.002	0.001	-1.236	0.001	0.001	-0.009	0.024	0.008	0.026	-0.009	0.019	-0.004	0.003	-0.006

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
52	77	0.023	0.000	0.005	-0.004	0.001	-0.108	0.002	0.003	0.002	0.004	-0.007	-0.005	-0.015	0.003	-0.009	0.041		
		0.000	-0.002	0.001	0.002	-0.005	-1.490	0.005	-0.036	0.020	0.030	-0.002	-0.004	0.001	0.024	0.010	-0.082		
		0.031	0.000	0.006	-0.003	0.005	-0.107	0.005	-0.013	-0.020	0.000	-0.027	0.006	-0.014	-0.022	-0.012	0.059		
		0.000	-0.002	-0.001	0.001	-0.005	-1.489	0.005	-0.038	0.017	0.017	-0.012	-0.006	0.006	0.021	0.000	-0.099		
		-0.063	0.000	0.002	-0.002	0.005	-0.104	0.005	-0.032	-0.008	0.020	-0.009	-0.001	-0.019	-0.021	0.000	0.015		
		0.000	-0.002	-0.002	0.002	0.000	-1.483	-0.001	-0.039	0.011	0.025	0.000	-0.004	0.004	0.022	0.012	-0.105		
		-0.021	-0.001	0.006	-0.003	0.001	-0.109	0.002	-0.009	-0.011	0.019	-0.021	0.007	-0.005	-0.016	-0.009	0.065		
		0.000	-0.002	-0.001	0.001	0.001	-1.492	-0.001	-0.044	0.011	0.045	0.008	-0.012	0.007	0.031	0.000	-0.093		
52	78	0.060	0.000	0.005	-0.001	0.000	-0.107	-0.001	-0.004	-0.031	0.003	-0.037	0.001	-0.017	-0.008	-0.009	0.008		
		0.000	-0.003	-0.002	0.001	-0.001	-1.490	0.001	-0.049	0.021	0.022	0.004	-0.016	0.003	0.032	0.011	-0.106		
		POINT	Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
				0.020	0.001	0.003	0.000	-0.005	-1.346	0.001	-0.046	0.011	0.008	-0.012	0.003	0.002	0.005	-0.001	-0.047
				0.000	-0.002	-0.001	0.003	0.002	-0.651	0.000	0.011	-0.015	-0.003	0.002	0.005	0.006	-0.021	-0.011	0.087
				0.029	0.002	0.002	0.000	-0.005	-1.344	0.002	-0.044	0.002	-0.001	-0.008	-0.011	0.020	0.021	0.008	-0.073
				0.000	-0.001	-0.002	0.001	-0.001	-0.656	-0.004	0.018	0.008	-0.002	0.007	0.002	0.000	-0.014	0.007	0.099
				-0.064	0.001	0.000	0.000	0.000	-1.339	0.000	-0.049	0.003	0.004	-0.021	-0.005	0.009	0.026	0.007	-0.022
0.000	-0.001			0.000	0.002	0.000	-0.651	-0.005	0.028	-0.003	-0.017	-0.008	0.008	0.004	-0.009	-0.002	0.111		
-0.025	0.002			0.003	0.000	-0.001	-1.347	-0.003	-0.043	-0.001	0.010	0.006	-0.017	0.016	0.022	0.008	-0.079		
52	POINT	Harmonics	0.000	-0.003	-0.003	0.003	0.005	-0.655	-0.003	0.010	-0.004	-0.025	0.009	0.007	0.005	-0.014	0.011	0.089	
			0.058	0.001	0.001	0.001	-0.003	-1.347	-0.004	-0.035	0.012	-0.002	0.015	-0.010	0.011	0.007	0.000	-0.018	
			0.000	-0.002	-0.001	0.002	0.004	-0.653	0.000	0.003	0.007	-0.005	0.010	0.009	0.013	-0.031	0.003	0.112	

RUN	POINT	Harmonics																	
		52	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.022	-0.001	-0.005	0.000	0.000	-0.002	-0.002	-1.488	0.002	-0.035	0.022	-0.014	-0.007	-0.015	-0.002	-0.006	0.008	0.085
FLAP1C	TS_SIN	0.000	0.000	0.001	0.000	0.000	-0.001	-0.001	0.097	0.001	0.024	-0.008	-0.013	0.006	0.004	0.011	0.006	0.003	0.031
FLAP2C	TS_COS	0.030	0.000	-0.006	0.000	0.000	-0.003	-0.003	-1.488	0.002	-0.033	0.019	-0.012	-0.001	-0.018	0.008	0.007	0.032	0.096
FLAP2C	TS_SIN	0.000	0.000	0.000	-0.001	0.000	-0.005	-0.005	0.095	-0.003	0.031	0.011	-0.004	0.002	0.015	-0.017	-0.008	-0.005	0.066
FLAP3C	TS_COS	-0.063	0.000	-0.005	0.001	0.000	-0.001	-0.001	-1.483	-0.002	-0.026	0.018	-0.020	-0.015	-0.012	0.007	0.010	0.017	0.111
FLAP3C	TS_SIN	0.000	0.000	0.001	-0.001	0.001	-0.006	-0.006	0.092	-0.002	0.044	-0.001	-0.014	0.006	0.008	-0.007	-0.006	0.003	0.016
FLAP4C	TS_COS	-0.021	0.000	-0.007	-0.002	0.002	0.002	0.002	-1.491	-0.003	-0.031	0.018	-0.014	0.000	-0.025	0.003	0.004	0.034	0.086
FLAP4C	TS_SIN	0.000	-0.001	0.000	0.001	0.001	-0.004	-0.004	0.096	0.001	0.025	-0.001	-0.028	-0.006	0.024	-0.010	-0.010	0.000	0.070
FLAP5C	TS_COS	0.060	-0.001	-0.006	0.001	0.001	0.001	0.001	-1.491	-0.001	-0.025	0.025	-0.012	0.016	-0.014	0.009	-0.012	0.024	0.110
FLAP5C	TS_SIN	0.000	0.000	0.001	-0.001	0.001	-0.001	-0.001	0.096	0.003	0.012	0.005	-0.011	-0.011	0.018	-0.005	0.004	-0.003	0.012
RUN	POINT	Harmonics																	
52	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.026	0.000	-0.005	-0.001	0.000	0.000	-0.002	-0.002	0.003	-0.030	0.022	-0.020	0.004	-0.018	0.004	0.010	0.007	0.031
FLAP1C	TS_SIN	0.000	0.001	0.000	0.000	0.000	-0.001	-0.001	0.831	0.001	0.051	0.005	0.010	-0.005	0.003	0.005	0.031	0.001	-0.094
FLAP2C	TS_COS	0.035	0.000	-0.007	-0.001	0.000	-0.004	-0.004	-1.237	0.001	-0.024	0.022	-0.007	0.003	-0.006	-0.021	0.003	0.009	0.069
FLAP2C	TS_SIN	0.000	0.000	0.001	0.000	0.000	-0.004	-0.004	0.831	-0.003	0.048	0.014	0.008	-0.016	0.010	-0.008	0.017	-0.017	-0.097
FLAP3C	TS_COS	-0.059	0.000	-0.004	-0.001	0.000	-0.001	-0.001	-1.232	-0.002	-0.008	0.023	-0.021	-0.006	0.001	-0.003	0.006	0.014	0.020
FLAP3C	TS_SIN	0.000	0.000	0.001	-0.001	0.001	-0.006	-0.006	0.829	-0.001	0.063	0.001	0.015	0.003	0.003	-0.011	0.004	-0.012	-0.113
FLAP4C	TS_COS	-0.016	0.000	-0.007	-0.003	0.002	0.002	0.002	-1.235	0.000	-0.015	0.023	-0.019	-0.013	-0.002	-0.015	0.002	0.017	0.081
FLAP4C	TS_SIN	0.000	0.001	0.001	0.001	0.001	-0.007	-0.007	0.834	0.002	0.053	0.014	0.005	-0.017	0.013	-0.014	0.008	-0.025	-0.092
FLAP5C	TS_COS	0.063	0.000	-0.006	-0.001	0.000	0.003	0.003	-1.237	0.001	-0.015	0.024	-0.002	-0.005	-0.002	-0.006	-0.004	0.005	0.015
FLAP5C	TS_SIN	0.000	0.000	0.001	-0.001	0.001	-0.001	-0.001	0.835	0.003	0.033	0.011	0.005	-0.026	0.002	-0.003	0.031	-0.019	-0.120

RUN	POINT	Harmonics																	
		52	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.016	0.000	-0.001	0.001	0.000	0.000	0.000	-0.655	-0.001	0.000	0.023	-0.019	-0.007	-0.010	0.004	0.024	0.000	-0.093
FLAP1C	TS_SIN	0.000	-0.001	0.001	0.000	0.000	0.000	0.002	1.342	-0.001	0.057	0.001	0.025	-0.013	0.004	0.010	0.020	0.005	-0.037
FLAP2C	TS_COS	0.025	-0.001	-0.004	0.001	0.000	0.001	-0.004	-0.660	-0.002	-0.001	0.025	-0.012	-0.024	0.000	-0.018	0.009	-0.014	-0.092
FLAP2C	TS_SIN	0.000	-0.001	0.003	0.001	0.000	0.001	0.000	1.340	-0.004	0.060	0.011	0.019	-0.022	-0.001	0.022	0.015	-0.004	-0.073
FLAP3C	TS_COS	-0.067	-0.001	-0.001	0.000	-0.004	0.000	-0.004	-0.657	-0.004	0.017	0.023	-0.017	-0.014	-0.007	-0.007	0.009	-0.006	-0.106
FLAP3C	TS_SIN	0.000	0.000	0.002	0.001	0.002	0.001	-0.003	1.336	-0.001	0.061	-0.005	0.033	-0.001	-0.002	0.004	0.004	-0.008	-0.022
FLAP4C	TS_COS	-0.028	0.000	-0.003	0.001	0.000	0.001	0.001	-0.661	-0.002	0.011	0.028	-0.016	-0.042	0.003	-0.019	0.005	-0.016	-0.077
FLAP4C	TS_SIN	0.000	0.000	0.002	0.001	0.002	0.001	-0.004	1.343	0.001	0.067	0.014	0.033	-0.015	-0.003	0.012	0.010	-0.017	-0.084
FLAP5C	TS_COS	0.054	0.000	-0.002	0.001	0.000	0.001	0.002	-0.658	0.000	0.000	0.027	-0.007	-0.037	0.000	-0.007	0.018	-0.019	-0.114
FLAP5C	TS_SIN	0.000	0.000	0.004	0.001	0.000	0.001	-0.001	1.344	0.002	0.035	0.008	0.015	-0.012	-0.001	0.012	0.022	-0.003	-0.017
RUN	POINT	Harmonics																	
52	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.017	0.000	0.004	0.002	0.003	0.103	-0.001	0.028	-0.006	0.028	-0.006	-0.007	-0.005	0.012	0.027	0.006	-0.010	-0.040
FLAP1C	TS_SIN	0.000	-0.001	0.000	0.001	0.003	1.489	-0.003	0.049	-0.002	0.049	-0.002	0.016	-0.020	0.001	0.004	0.010	0.011	0.100
FLAP2C	TS_COS	0.027	0.000	0.002	0.001	-0.002	0.101	-0.003	0.031	0.008	0.031	0.008	-0.004	-0.023	0.005	0.026	0.001	-0.020	-0.079
FLAP2C	TS_SIN	0.000	-0.001	0.001	0.002	0.002	1.489	-0.004	0.051	0.005	0.051	0.005	0.013	-0.007	-0.014	0.023	0.013	0.024	0.094
FLAP3C	TS_COS	-0.066	0.000	0.003	0.001	-0.002	0.099	-0.004	0.042	0.005	0.042	0.005	-0.003	-0.013	-0.010	0.020	0.003	-0.016	-0.022
FLAP3C	TS_SIN	0.000	0.000	0.001	0.001	-0.002	1.485	0.000	0.038	-0.009	0.038	-0.009	0.018	-0.004	-0.015	0.008	0.006	0.010	0.108
FLAP4C	TS_COS	-0.026	0.000	0.002	0.001	0.000	0.103	-0.001	0.041	0.002	0.041	0.002	-0.002	-0.039	0.004	0.022	-0.001	-0.025	-0.080
FLAP4C	TS_SIN	0.000	0.000	0.000	0.002	-0.004	1.492	0.001	0.053	0.009	0.053	0.009	0.020	0.014	-0.021	0.024	0.013	0.019	0.079
FLAP5C	TS_COS	0.055	0.000	0.003	0.001	0.004	0.101	0.001	0.016	0.001	0.016	0.009	-0.005	-0.024	0.007	0.021	0.004	-0.020	-0.021
FLAP5C	TS SIN	0.000	-0.001	0.002	0.001	0.000	1.491	-0.001	0.022	0.006	0.022	0.006	0.004	0.018	-0.003	0.015	0.010	0.022	0.116

RUN	POINT	Harmonics																	
		52	83	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.023	-0.001	0.046	-0.001	0.003	0.001	0.000	0.012	-0.007	0.006	0.012	-0.004	0.017	0.007	0.007	-0.004	-0.007	-0.008
FLAP1C	TS_SIN	0.000	0.000	1.484	0.001	-0.003	0.002	0.000	0.003	0.018	0.009	-0.027	0.008	0.008	0.014	0.006	0.006	0.001	0.003
FLAP2C	TS_COS	0.031	-0.002	0.044	-0.001	0.003	0.001	0.000	0.014	-0.015	-0.002	0.022	0.003	0.003	0.001	0.001	-0.006	0.001	-0.006
FLAP2C	TS_SIN	0.000	-0.001	1.486	0.001	-0.003	0.002	0.000	0.005	0.021	0.002	-0.024	0.002	0.002	0.011	0.013	0.013	-0.008	0.000
FLAP3C	TS_COS	-0.062	-0.002	0.042	-0.001	0.001	0.002	0.000	0.009	-0.016	0.005	0.004	0.007	0.007	0.005	-0.002	0.001	0.001	-0.003
FLAP3C	TS_SIN	0.000	-0.001	1.477	0.001	-0.002	0.001	0.000	-0.005	0.012	0.007	-0.023	0.007	0.007	0.012	0.001	0.001	-0.005	0.004
FLAP4C	TS_COS	-0.020	-0.001	0.047	0.000	0.003	0.001	0.000	0.013	-0.005	0.000	0.032	0.012	0.012	0.007	-0.004	0.005	0.005	-0.006
FLAP4C	TS_SIN	0.000	-0.003	1.486	0.003	-0.003	0.002	0.000	-0.009	0.015	0.005	-0.014	-0.004	0.012	0.012	0.014	0.014	-0.003	0.001
FLAP5C	TS_COS	0.060	0.000	0.046	0.000	0.003	0.002	-0.001	0.011	-0.007	0.004	-0.006	0.004	0.004	0.003	-0.006	-0.004	-0.004	-0.008
FLAP5C	TS_SIN	0.000	-0.002	1.487	0.002	-0.003	0.001	-0.001	0.001	0.016	0.007	-0.031	0.004	0.004	0.021	0.006	-0.001	-0.001	0.000
RUN	POINT	Harmonics																	
52	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	15
FLAP1C	TS_COS	0.030	-0.001	0.780	-0.002	0.001	0.004	0.001	0.009	-0.005	-0.004	-0.015	0.007	-0.002	-0.002	-0.003	0.004	0.008	0.008
FLAP1C	TS_SIN	0.000	0.002	1.264	-0.001	-0.005	-0.001	0.002	0.010	0.015	-0.009	0.018	0.009	0.017	0.017	0.013	0.003	0.004	0.004
FLAP2C	TS_COS	0.041	-0.002	0.780	-0.002	0.001	0.004	0.001	-0.006	-0.017	-0.013	-0.036	0.004	0.002	0.002	0.000	0.001	0.007	0.007
FLAP2C	TS_SIN	0.000	0.003	1.265	0.000	-0.006	-0.001	0.002	0.020	0.021	-0.006	-0.002	0.007	0.019	0.019	0.011	0.015	0.002	0.002
FLAP3C	TS_COS	-0.056	-0.002	0.775	-0.001	0.001	0.004	0.000	0.002	-0.005	-0.003	-0.014	0.004	0.005	0.005	0.002	0.006	0.006	0.006
FLAP3C	TS_SIN	0.000	0.001	1.260	0.001	-0.004	0.000	0.001	0.008	0.021	-0.009	0.023	0.009	0.014	0.014	0.012	0.000	0.005	0.005
FLAP4C	TS_COS	-0.012	-0.003	0.781	-0.001	0.000	0.005	0.001	-0.010	-0.022	-0.011	-0.026	0.013	0.014	0.014	-0.002	0.001	0.009	0.009
FLAP4C	TS_SIN	0.000	0.001	1.266	0.001	-0.006	0.000	0.002	0.002	0.016	-0.013	0.003	0.011	0.024	0.024	0.014	0.017	-0.002	-0.002
FLAP5C	TS_COS	0.067	0.000	0.781	0.000	0.002	0.004	0.000	0.001	-0.007	-0.010	-0.013	-0.001	0.003	0.003	-0.007	-0.005	0.007	0.007
FLAP5C	TS_SIN	0.000	-0.001	1.265	-0.002	-0.005	0.000	0.001	0.005	0.026	-0.005	0.031	0.007	0.014	0.014	0.017	-0.004	0.003	0.003

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
52	85																
FLAP1C	TS_COS	0.021	0.000	1.311	-0.003	0.001	0.004	-0.002	0.024	-0.010	-0.014	0.022	0.000	0.003	0.003	-0.003	0.003
FLAP1C	TS_SIN	0.000	-0.002	0.706	-0.002	-0.007	0.001	0.004	0.010	0.020	-0.001	-0.014	0.007	0.019	0.017	0.006	-0.005
FLAP2C	TS_COS	0.032	0.000	1.311	-0.004	0.000	0.003	-0.002	0.024	-0.010	-0.015	0.008	-0.013	-0.002	-0.002	-0.001	0.001
FLAP2C	TS_SIN	0.000	-0.001	0.708	-0.001	-0.006	0.001	0.004	0.015	0.031	0.006	0.006	-0.004	0.008	0.006	-0.002	-0.001
FLAP3C	TS_COS	-0.062	-0.001	1.304	-0.001	0.000	0.003	-0.001	0.014	-0.005	-0.014	0.017	-0.009	0.001	0.005	0.010	0.011
FLAP3C	TS_SIN	0.000	0.000	0.702	0.001	-0.004	0.000	0.003	0.003	0.017	-0.002	-0.015	0.013	0.010	0.005	0.006	-0.006
FLAP4C	TS_COS	-0.020	-0.003	1.314	-0.002	0.000	0.003	-0.001	0.013	-0.015	-0.028	0.010	-0.004	0.005	0.008	0.011	0.009
FLAP4C	TS_SIN	0.000	-0.002	0.708	0.000	-0.006	0.000	0.004	0.019	0.034	0.001	0.015	-0.003	0.013	0.007	-0.006	-0.005
FLAP5C	TS_COS	0.059	0.000	1.313	-0.001	0.000	0.002	-0.001	0.017	-0.001	-0.016	0.026	-0.011	-0.006	-0.005	0.001	0.003
FLAP5C	TS_SIN	0.000	-0.003	0.707	-0.002	-0.005	0.001	0.003	0.002	0.028	0.002	-0.021	0.008	0.010	0.010	0.006	-0.008
RUN	POINT	Harmonics															
52	86																
FLAP1C	TS_COS	0.023	0.000	1.488	-0.004	-0.001	0.000	0.002	0.025	0.002	-0.017	-0.031	0.000	0.020	0.011	0.009	0.004
FLAP1C	TS_SIN	0.000	-0.002	-0.039	0.000	-0.002	-0.001	0.002	-0.001	-0.003	-0.007	-0.026	0.007	0.011	0.017	0.014	0.001
FLAP2C	TS_COS	0.033	0.001	1.488	-0.004	-0.001	0.000	0.001	0.024	0.006	-0.014	-0.036	-0.008	0.005	0.000	0.006	-0.005
FLAP2C	TS_SIN	0.000	-0.001	-0.039	0.001	-0.002	-0.001	0.002	-0.005	0.013	-0.002	-0.023	0.010	0.008	0.019	0.016	-0.002
FLAP3C	TS_COS	-0.062	-0.001	1.481	-0.001	0.000	0.000	0.002	0.008	-0.003	-0.012	-0.048	-0.005	0.008	0.009	0.005	0.003
FLAP3C	TS_SIN	0.000	0.001	-0.037	0.001	-0.002	-0.001	0.002	-0.007	0.002	-0.006	0.004	0.012	0.006	0.012	-0.002	0.000
FLAP4C	TS_COS	-0.020	-0.002	1.492	-0.002	-0.002	0.000	0.002	0.018	0.009	-0.018	-0.029	-0.016	0.004	0.002	0.014	0.010
FLAP4C	TS_SIN	0.000	-0.003	-0.040	0.001	-0.002	-0.001	0.002	-0.001	0.009	-0.001	-0.009	0.013	0.013	0.014	0.017	-0.007
FLAP5C	TS_COS	0.060	0.000	1.490	-0.002	-0.001	0.000	0.001	0.018	0.005	-0.015	-0.038	-0.005	0.009	0.011	-0.001	-0.002
FLAP5C	TS_SIN	0.000	-0.003	-0.040	-0.001	-0.002	-0.001	0.001	-0.014	-0.005	-0.011	0.000	0.020	0.008	0.015	0.011	-0.003

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
52	87																
FLAP1C	TS_COS	0.015	0.001	1.298	0.002	-0.003	-0.003	-0.002	0.031	-0.003	-0.019	0.019	-0.009	0.006	0.007	0.000	0.003
FLAP1C	TS_SIN	0.000	0.001	0.708	-0.001	0.003	0.001	-0.002	0.000	0.019	0.000	-0.010	0.005	0.017	0.015	0.003	-0.006
FLAP2C	TS_COS	0.025	0.002	1.298	0.000	-0.003	-0.003	-0.001	0.029	-0.002	-0.022	0.000	-0.021	0.001	0.003	0.001	0.002
FLAP2C	TS_SIN	0.000	0.001	0.711	0.000	0.002	0.000	-0.002	0.003	0.030	0.009	0.009	-0.006	0.005	0.008	-0.003	-0.001
FLAP3C	TS_COS	-0.068	0.000	1.294	0.000	-0.001	-0.002	-0.002	0.017	0.001	-0.017	0.015	-0.016	0.001	0.007	0.008	0.011
FLAP3C	TS_SIN	0.000	0.001	0.710	0.001	0.002	0.000	-0.001	-0.007	0.016	0.002	-0.009	0.011	0.003	0.006	0.002	-0.004
FLAP4C	TS_COS	-0.028	-0.001	1.300	0.003	-0.003	-0.003	-0.001	0.015	-0.008	-0.032	0.003	-0.015	0.005	0.012	0.014	0.010
FLAP4C	TS_SIN	0.000	-0.001	0.710	0.000	0.004	0.001	-0.003	0.007	0.032	0.006	0.019	-0.003	0.008	0.007	-0.008	-0.001
FLAP5C	TS_COS	0.053	0.001	1.301	0.002	-0.003	-0.003	-0.001	0.021	0.004	-0.019	0.022	-0.021	-0.005	0.002	0.004	0.002
FLAP5C	TS_SIN	0.000	-0.001	0.710	-0.001	0.002	-0.001	-0.002	-0.008	0.026	0.005	-0.016	0.009	0.006	0.008	0.003	-0.007
RUN	POINT	Harmonics															
52	88																
FLAP1C	TS_COS	0.027	0.000	1.260	0.000	0.002	0.001	0.001	0.020	-0.011	-0.024	0.012	0.000	0.001	0.002	0.000	0.000
FLAP1C	TS_SIN	0.000	-0.001	-0.779	0.001	0.002	0.000	0.000	-0.020	0.006	-0.002	0.006	-0.001	0.007	0.008	0.008	0.002
FLAP2C	TS_COS	0.038	0.001	1.262	0.000	0.002	0.000	0.000	0.020	-0.003	-0.016	-0.005	0.004	0.005	0.014	0.000	-0.004
FLAP2C	TS_SIN	0.000	0.001	-0.779	0.002	0.003	0.002	-0.001	-0.022	0.004	0.004	0.016	-0.003	-0.002	0.008	0.008	0.010
FLAP3C	TS_COS	-0.059	0.000	1.258	0.002	0.001	0.000	0.001	0.015	-0.006	-0.016	0.023	0.001	0.004	0.007	0.006	0.003
FLAP3C	TS_SIN	0.000	0.001	-0.775	0.002	0.002	-0.001	-0.001	-0.015	0.005	0.000	0.015	0.005	0.008	0.005	0.005	0.006
FLAP4C	TS_COS	-0.016	-0.001	1.264	0.001	0.001	0.001	0.000	0.021	-0.009	-0.015	0.003	0.003	0.005	0.012	0.000	0.003
FLAP4C	TS_SIN	0.000	0.001	-0.781	0.000	0.002	0.000	-0.001	-0.018	0.000	-0.002	0.025	0.008	0.010	0.016	0.008	0.008
FLAP5C	TS_COS	0.065	0.000	1.263	0.001	0.002	0.001	0.000	0.016	-0.014	-0.021	0.032	0.015	-0.002	0.004	0.002	0.005
FLAP5C	TS_SIN	0.000	0.000	-0.781	0.000	0.004	0.000	-0.001	-0.032	0.006	0.001	0.007	0.006	0.000	0.008	0.004	0.006

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
52	89																
	FLAP1C_TS_COS	0.020	0.000	0.705	0.000	0.002	0.001	0.001	0.008	-0.007	0.000	-0.005	0.005	-0.001	-0.003	0.000	-0.006
	FLAP1C_TS_SIN	0.000	-0.001	-1.302	0.002	0.004	0.002	0.000	0.002	0.018	-0.003	-0.033	0.007	0.011	0.009	0.005	0.008
	FLAP2C_TS_COS	0.031	0.002	0.707	0.001	0.001	0.001	0.001	-0.004	-0.005	0.005	0.011	0.004	-0.005	0.004	0.013	0.001
	FLAP2C_TS_SIN	0.000	0.000	-1.302	0.002	0.004	0.002	0.000	-0.015	0.013	-0.005	-0.027	-0.005	0.000	0.001	0.003	0.003
	FLAP3C_TS_COS	-0.064	0.000	0.704	0.002	0.001	0.001	0.001	0.009	-0.001	-0.003	-0.018	0.008	0.004	0.002	0.003	0.001
	FLAP3C_TS_SIN	0.000	0.002	-1.298	0.001	0.002	0.000	-0.001	-0.005	0.008	-0.002	-0.036	0.004	0.009	0.002	-0.005	0.003
	FLAP4C_TS_COS	-0.023	-0.001	0.706	0.001	0.001	0.001	0.001	0.011	-0.003	0.009	0.014	0.000	-0.003	0.005	0.015	0.003
	FLAP4C_TS_SIN	0.000	0.001	-1.305	0.000	0.004	0.002	0.000	-0.014	0.014	-0.009	-0.018	0.003	0.005	0.008	0.008	0.002
	FLAP5C_TS_COS	0.058	-0.002	0.707	-0.001	0.002	0.000	0.001	0.002	0.006	-0.001	-0.015	0.009	-0.001	-0.002	0.001	-0.007
	FLAP5C_TS_SIN	0.000	0.001	-1.304	0.001	0.004	0.002	0.000	-0.024	0.023	-0.004	-0.028	-0.003	0.006	0.001	0.008	0.003
RUN	POINT	Harmonics															
52	90																
	FLAP1C_TS_COS	0.024	0.000	-0.040	-0.001	0.006	0.001	0.001	0.022	0.003	-0.010	-0.014	0.005	0.004	-0.007	-0.004	-0.005
	FLAP1C_TS_SIN	0.000	-0.002	-1.482	0.000	0.001	0.000	0.001	0.013	0.021	0.001	0.018	0.000	0.015	0.009	0.001	0.000
	FLAP2C_TS_COS	0.033	0.002	-0.038	0.000	0.006	0.000	0.000	0.001	0.003	-0.021	-0.021	0.009	0.006	-0.005	-0.005	0.011
	FLAP2C_TS_SIN	0.000	-0.002	-1.483	0.000	0.002	0.000	0.001	0.004	0.019	-0.001	0.008	-0.005	0.010	0.008	0.001	-0.004
	FLAP3C_TS_COS	-0.061	0.001	-0.039	0.000	0.003	0.000	0.000	0.014	0.005	-0.007	-0.009	0.004	0.008	0.003	0.005	0.002
	FLAP3C_TS_SIN	0.000	0.000	-1.478	-0.001	0.000	0.000	0.001	0.005	0.015	0.002	0.027	-0.001	0.011	0.005	-0.001	0.000
	FLAP4C_TS_COS	-0.020	0.001	-0.039	-0.001	0.006	0.000	-0.001	0.017	0.006	-0.022	-0.018	0.013	0.005	-0.008	-0.008	0.009
	FLAP4C_TS_SIN	0.000	0.002	-1.484	-0.002	0.002	-0.001	0.001	0.008	0.021	-0.004	0.004	0.003	0.016	0.010	0.000	-0.001
	FLAP5C_TS_COS	0.061	0.000	-0.039	-0.002	0.006	-0.001	0.000	-0.002	0.014	-0.010	0.000	0.005	0.001	0.000	-0.007	0.001
	FLAP5C TS SIN	0.000	0.000	-1.485	-0.001	0.002	0.000	0.001	-0.004	0.009	0.009	0.030	-0.002	0.009	0.009	-0.001	-0.002

RUN	POINT	Harmonics																	
		52	91	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.019	-0.002	-0.776	0.000	-0.001	0.001	-0.001	-0.001	0.028	-0.004	-0.021	0.010	0.001	0.010	0.001	0.001	-0.007	-0.001
FLAP1C	TS_SIN	0.000	0.000	-1.261	0.002	-0.005	-0.001	0.000	0.000	0.011	0.019	0.005	-0.013	0.004	0.023	0.011	-0.003	0.002	0.002
FLAP2C	TS_COS	0.029	-0.001	-0.775	0.002	-0.001	0.002	-0.001	-0.001	0.026	0.001	-0.011	0.006	0.001	0.006	0.008	0.004	0.004	-0.005
FLAP2C	TS_SIN	0.000	0.000	-1.262	0.001	-0.005	-0.001	0.001	-0.001	0.007	0.013	0.015	-0.008	-0.013	0.011	0.005	-0.001	-0.001	-0.001
FLAP3C	TS_COS	-0.064	0.000	-0.772	0.002	-0.001	0.001	0.000	0.000	0.019	0.010	-0.007	0.007	-0.001	0.002	0.008	-0.004	-0.002	-0.002
FLAP3C	TS_SIN	0.000	0.001	-1.259	0.000	-0.004	-0.001	0.000	0.000	-0.002	0.011	0.010	-0.018	0.004	0.009	-0.002	-0.006	0.002	0.002
FLAP4C	TS_COS	-0.025	0.000	-0.778	0.000	0.000	0.002	0.000	0.000	0.038	0.004	-0.010	0.011	0.013	0.005	0.001	0.004	-0.004	-0.004
FLAP4C	TS_SIN	0.000	0.002	-1.265	0.001	-0.004	-0.001	0.000	0.000	0.018	0.016	0.018	-0.002	-0.006	0.019	0.004	-0.009	-0.006	-0.006
FLAP5C	TS_COS	0.058	-0.002	-0.777	0.000	0.001	0.001	0.000	0.000	0.015	-0.016	-0.004	0.003	-0.006	0.009	-0.006	-0.006	-0.006	-0.006
FLAP5C	TS_SIN	0.000	0.002	-1.265	0.002	-0.005	-0.002	-0.001	-0.001	0.002	0.014	0.008	-0.023	-0.002	0.019	0.003	-0.007	0.005	0.005
RUN	POINT	Harmonics																	
52	92	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	15
FLAP1C	TS_COS	0.019	-0.001	-1.308	0.001	0.000	-0.002	-0.001	0.013	-0.013	-0.010	-0.023	0.001	0.001	0.008	-0.004	-0.001	-0.007	-0.007
FLAP1C	TS_SIN	0.000	-0.001	-0.703	0.002	0.000	0.001	-0.002	-0.003	0.009	0.010	0.001	0.003	0.003	0.005	-0.001	-0.003	-0.003	-0.003
FLAP2C	TS_COS	0.030	0.001	-1.307	0.001	0.000	0.000	0.000	0.015	-0.008	-0.006	-0.023	0.002	0.002	0.011	0.001	-0.003	-0.001	-0.001
FLAP2C	TS_SIN	0.000	-0.001	-0.705	0.000	0.000	0.001	-0.002	-0.008	0.013	0.000	-0.002	-0.002	-0.002	-0.001	0.007	0.006	-0.001	-0.001
FLAP3C	TS_COS	-0.064	0.001	-1.302	0.000	0.000	-0.001	0.000	0.005	-0.006	-0.003	-0.028	0.001	0.001	0.002	0.003	0.000	-0.005	-0.005
FLAP3C	TS_SIN	0.000	-0.001	-0.702	-0.001	0.000	0.001	-0.002	-0.005	-0.007	0.008	0.018	0.004	0.004	-0.001	-0.002	-0.007	-0.004	-0.004
FLAP4C	TS_COS	-0.024	0.002	-1.311	0.000	0.000	-0.002	0.000	0.025	-0.010	-0.006	-0.024	0.004	0.004	0.009	-0.003	0.003	0.004	0.004
FLAP4C	TS_SIN	0.000	0.000	-0.706	0.000	0.001	0.001	-0.003	0.006	0.014	0.002	-0.002	0.000	0.000	0.006	0.007	0.005	-0.005	-0.005
FLAP5C	TS_COS	0.058	0.000	-1.309	-0.001	0.000	0.000	0.000	0.007	-0.005	-0.006	-0.024	-0.002	-0.002	0.001	-0.004	-0.008	-0.003	-0.003
FLAP5C	TS_SIN	0.000	0.000	-0.705	0.002	-0.001	0.002	-0.002	-0.013	0.012	0.001	0.017	0.007	0.007	0.002	-0.005	-0.008	-0.009	-0.009

RUN	POINT	Harmonics																	
		52	93	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.023	-0.001	-1.483	0.003	0.001	-0.002	0.000	0.004	-0.017	-0.003	0.030	0.001	0.003	0.009	0.003	0.009	-0.005	0.003
	FLAP1C_TS_SIN	0.000	0.002	0.045	0.002	0.004	0.001	-0.001	-0.011	0.009	-0.003	0.010	-0.005	0.006	0.007	0.006	0.007	-0.001	-0.001
	FLAP2C_TS_COS	0.034	-0.001	-1.484	0.002	0.002	-0.002	0.001	-0.002	-0.010	-0.011	0.021	0.006	0.009	0.009	0.010	0.003	-0.001	-0.003
	FLAP2C_TS_SIN	0.000	0.001	0.044	0.000	0.004	0.000	-0.001	-0.005	0.010	0.003	0.016	-0.002	0.006	0.009	0.010	0.003	-0.002	-0.003
	FLAP3C_TS_COS	-0.061	0.001	-1.479	0.000	0.001	-0.002	0.000	-0.002	-0.016	-0.001	0.028	0.002	0.006	0.007	0.006	0.007	0.006	-0.002
	FLAP3C_TS_SIN	0.000	0.000	0.043	0.000	0.003	0.000	-0.002	-0.013	0.003	0.010	0.007	0.001	0.002	-0.005	0.008	-0.005	-0.001	0.000
	FLAP4C_TS_COS	-0.019	0.002	-1.488	0.000	0.002	-0.003	0.000	0.009	-0.010	-0.007	0.018	0.005	0.008	0.006	0.008	0.006	0.003	0.005
	FLAP4C_TS_SIN	0.000	0.003	0.046	0.001	0.004	0.001	-0.001	-0.004	0.005	0.005	0.022	0.006	0.013	0.001	0.013	0.001	-0.010	-0.005
	FLAP5C_TS_COS	0.061	-0.001	-1.486	0.001	0.000	-0.001	0.000	-0.011	-0.012	0.002	0.037	0.006	0.006	0.006	0.006	0.006	-0.001	0.008
	FLAP5C_TS_SIN	0.000	0.001	0.045	0.002	0.003	0.000	-0.002	-0.021	-0.006	0.002	0.005	-0.002	0.004	0.005	0.004	0.005	-0.010	0.000
RUN	POINT	Harmonics																	
52	94	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	15
	FLAP1C_TS_COS	0.020	0.000	-1.261	0.000	0.001	-0.001	-0.001	0.004	0.002	-0.008	-0.011	0.001	0.008	0.001	0.008	0.001	-0.005	-0.007
	FLAP1C_TS_SIN	0.000	0.001	0.772	0.001	0.003	0.000	-0.001	0.008	0.003	-0.006	-0.017	0.010	0.009	0.003	0.009	0.003	0.002	0.001
	FLAP2C_TS_COS	0.029	-0.002	-1.259	-0.002	0.000	-0.002	0.000	-0.025	-0.003	-0.008	0.003	-0.003	0.009	0.001	0.009	0.001	0.007	0.003
	FLAP2C_TS_SIN	0.000	0.000	0.772	0.001	0.003	-0.001	-0.002	0.007	-0.007	-0.004	-0.030	0.002	0.003	0.008	0.003	0.008	0.003	0.002
	FLAP3C_TS_COS	-0.065	0.000	-1.257	-0.002	0.000	-0.002	-0.001	-0.010	-0.002	-0.003	-0.029	0.003	0.007	0.004	0.007	0.004	0.001	-0.004
	FLAP3C_TS_SIN	0.000	-0.002	0.768	0.001	0.003	0.001	-0.002	0.010	0.003	-0.001	-0.018	0.005	0.002	0.006	0.002	0.006	-0.005	0.003
	FLAP4C_TS_COS	-0.024	0.001	-1.261	-0.003	0.001	-0.002	0.001	-0.009	-0.005	-0.006	-0.003	0.005	0.007	0.002	0.007	0.002	0.014	0.006
	FLAP4C_TS_SIN	0.000	-0.001	0.774	0.003	0.003	0.000	-0.001	0.002	-0.002	-0.002	-0.032	0.002	0.011	0.011	0.011	0.011	0.007	0.000
	FLAP5C_TS_COS	0.057	0.001	-1.263	-0.001	0.000	-0.001	0.000	-0.012	-0.008	-0.004	-0.032	-0.003	0.006	-0.002	0.006	-0.002	-0.002	-0.005
	FLAP5C_TS_SIN	0.000	0.001	0.774	0.002	0.002	0.000	-0.001	0.004	0.001	0.000	-0.011	0.004	0.009	0.004	0.009	0.004	0.005	-0.001

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
52	95																
FLAP1C	TS_COS	0.020	0.001	-0.707	0.000	0.002	-0.002	-0.001	0.011	-0.011	-0.015	0.009	0.010	-0.006	0.001	-0.004	-0.005
FLAP1C	TS_SIN	0.000	0.002	1.299	0.002	0.003	-0.001	-0.002	0.005	0.004	0.003	0.025	0.015	0.007	0.007	0.005	0.010
FLAP2C	TS_COS	0.029	-0.001	-0.708	-0.001	0.001	-0.002	-0.001	0.003	-0.021	-0.006	-0.016	0.008	-0.003	0.007	-0.007	-0.007
FLAP2C	TS_SIN	0.000	0.000	1.299	0.001	0.002	-0.002	-0.002	0.026	0.004	0.002	0.022	0.010	0.008	0.005	0.007	0.008
FLAP3C	TS_COS	-0.064	0.000	-0.707	-0.002	0.001	-0.001	-0.001	0.010	-0.010	-0.010	0.011	0.009	-0.001	0.000	0.004	0.001
FLAP3C	TS_SIN	0.000	-0.001	1.295	0.001	0.001	-0.001	-0.002	0.012	0.001	0.003	0.027	0.005	0.003	0.001	0.002	0.005
FLAP4C	TS_COS	-0.023	0.002	-0.711	-0.001	0.002	-0.001	0.000	0.012	-0.012	-0.004	-0.016	0.011	-0.002	0.005	-0.011	-0.003
FLAP4C	TS_SIN	0.000	-0.001	1.302	0.004	0.002	-0.001	-0.001	0.013	0.005	-0.001	0.022	0.011	0.009	0.007	0.008	0.010
FLAP5C	TS_COS	0.058	0.001	-0.708	0.000	0.002	-0.001	0.000	0.011	-0.001	-0.006	0.018	0.004	-0.005	-0.001	-0.006	0.002
FLAP5C	TS_SIN	0.000	0.000	1.302	0.004	0.002	0.000	-0.002	0.013	0.013	0.005	0.032	0.006	0.005	0.007	-0.004	0.007
RUN	POINT	Harmonics															
52	96																
FLAP1C	TS_COS	0.020	0.001	0.036	0.001	0.003	-0.003	0.001	0.016	-0.009	0.003	0.012	0.017	0.005	-0.002	-0.008	-0.008
FLAP1C	TS_SIN	0.000	0.001	1.480	0.003	0.002	0.001	-0.002	0.001	0.020	0.007	-0.026	0.009	0.016	0.005	0.002	0.004
FLAP2C	TS_COS	0.029	0.000	0.037	-0.001	0.003	-0.004	0.001	0.018	-0.017	-0.005	0.022	0.004	0.003	-0.005	0.003	-0.005
FLAP2C	TS_SIN	0.000	0.001	1.480	0.004	0.002	0.000	-0.002	0.005	0.024	-0.002	-0.021	0.002	0.014	0.013	-0.006	0.001
FLAP3C	TS_COS	-0.064	-0.001	0.035	0.000	0.003	-0.001	0.001	0.011	-0.016	0.003	0.004	0.008	0.003	0.001	0.001	-0.002
FLAP3C	TS_SIN	0.000	0.000	1.476	0.003	0.002	0.001	-0.002	-0.007	0.013	0.005	-0.024	0.008	0.013	0.001	-0.006	0.005
FLAP4C	TS_COS	-0.022	0.000	0.037	0.000	0.004	-0.002	0.002	0.017	-0.008	-0.003	0.029	0.013	0.006	-0.003	0.004	-0.005
FLAP4C	TS_SIN	0.000	-0.001	1.484	0.005	0.001	0.000	-0.002	-0.009	0.017	0.003	-0.013	-0.002	0.014	0.015	-0.002	0.001
FLAP5C	TS_COS	0.058	0.002	0.038	0.001	0.003	-0.002	0.001	0.013	-0.008	0.002	-0.005	0.005	0.002	-0.004	-0.005	-0.007
FLAP5C	TS SIN	0.000	0.000	1.483	0.004	0.001	0.000	-0.002	0.000	0.017	0.005	-0.029	0.004	0.022	0.005	0.000	0.001

RUN	POINT	Harmonics																	
		52	97	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.023	0.001	0.004	0.000	0.000	0.000	0.000	0.001	0.004	0.000	0.000	-0.001	0.001	0.002	0.002	0.001	-0.001	-0.001
	FLAP1C_TS_SIN	0.000	0.002	-0.002	-0.001	0.000	-0.001	0.001	-0.001	0.003	0.002	0.000	0.000	-0.002	0.000	0.003	0.003	0.001	-0.001
	FLAP2C_TS_COS	0.032	-0.002	0.005	-0.001	0.001	-0.001	-0.001	0.002	0.001	-0.003	0.004	-0.006	-0.004	-0.001	0.003	0.003	0.001	-0.001
	FLAP2C_TS_SIN	0.000	0.003	0.001	-0.001	0.000	0.001	0.001	0.000	0.003	0.003	0.004	0.003	0.000	0.000	-0.001	-0.001	-0.001	0.000
	FLAP3C_TS_COS	-0.063	-0.001	0.006	-0.001	0.001	-0.002	-0.001	0.001	0.002	0.002	-0.002	-0.002	-0.001	0.000	0.002	0.002	0.001	0.001
	FLAP3C_TS_SIN	0.000	0.002	0.001	-0.001	0.000	0.000	0.000	0.000	0.001	0.003	0.003	0.003	0.003	0.002	0.002	0.000	-0.002	-0.001
	FLAP4C_TS_COS	-0.020	0.001	0.006	0.001	0.001	-0.001	-0.001	0.001	0.002	0.002	-0.001	-0.003	-0.002	-0.001	0.002	0.003	0.002	0.000
	FLAP4C_TS_SIN	0.000	0.001	0.000	0.000	0.000	0.000	0.000	-0.001	0.001	0.001	0.002	0.002	0.003	0.002	0.001	-0.001	-0.002	-0.001
	FLAP5C_TS_COS	0.060	0.001	0.010	-0.002	0.001	0.000	0.000	0.000	0.001	0.001	-0.001	-0.002	0.000	0.000	0.001	0.000	-0.001	-0.001
	FLAP5C_TS_SIN	0.000	0.000	0.001	-0.002	0.000	-0.001	-0.001	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	-0.001	-0.002	-0.001
RUN	POINT	Harmonics																	
52	98	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
	FLAP1C_TS_COS	0.018	0.000	-0.037	-0.002	0.001	0.001	0.000	0.024	0.002	-0.011	-0.016	0.003	0.003	-0.008	-0.006	-0.008	-0.008	
	FLAP1C_TS_SIN	0.000	-0.002	-1.483	0.001	-0.003	-0.003	0.001	0.009	0.019	0.000	0.016	-0.002	0.015	0.009	-0.001	-0.002	-0.002	
	FLAP2C_TS_COS	0.028	0.001	-0.034	0.000	0.002	0.001	-0.001	0.002	0.002	-0.021	-0.023	0.007	0.005	-0.006	-0.006	0.008	0.008	
	FLAP2C_TS_SIN	0.000	-0.001	-1.484	0.000	-0.003	-0.002	0.001	0.003	0.017	-0.002	0.007	-0.005	0.010	0.008	0.001	-0.004	-0.004	
	FLAP3C_TS_COS	-0.065	0.001	-0.034	0.000	0.000	-0.001	0.000	0.014	0.004	-0.008	-0.010	0.001	0.006	0.000	0.003	-0.002	-0.002	
	FLAP3C_TS_SIN	0.000	0.001	-1.478	0.000	-0.003	-0.002	0.001	0.003	0.013	0.002	0.028	-0.001	0.011	0.005	-0.001	0.000	0.000	
	FLAP4C_TS_COS	-0.025	0.000	-0.035	-0.002	0.001	0.001	-0.001	0.017	0.005	-0.023	-0.019	0.011	0.003	-0.010	-0.010	0.007	0.007	
	FLAP4C_TS_SIN	0.000	0.001	-1.485	0.000	-0.003	-0.002	0.000	0.009	0.020	-0.005	0.005	0.004	0.017	0.011	0.000	-0.003	-0.003	
	FLAP5C_TS_COS	0.056	0.000	-0.036	-0.002	0.003	0.000	-0.001	0.001	0.013	-0.011	-0.002	0.003	0.000	-0.001	-0.008	0.000	0.000	
	FLAP5C TS SIN	0.000	0.000	-1.486	-0.001	-0.003	-0.001	0.000	-0.005	0.008	0.008	0.030	-0.003	0.010	0.009	-0.002	-0.004	-0.004	

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
52	99																
		0.019	-0.002	0.007	-0.066	0.000	-0.002	0.001	0.013	0.005	-0.021	-0.011	0.003	-0.003	0.000	-0.006	-0.015
		0.000	-0.002	-0.002	-1.476	-0.001	0.000	0.002	0.027	0.006	-0.085	-0.002	-0.001	0.006	0.012	0.006	0.006
		0.030	-0.001	0.010	-0.064	0.002	-0.003	-0.001	0.018	0.022	0.010	-0.028	-0.005	0.000	0.001	0.008	0.000
		0.000	-0.003	-0.002	-1.477	-0.001	0.000	0.001	0.000	0.009	-0.097	0.008	-0.014	-0.002	-0.001	0.002	-0.009
		-0.065	-0.001	0.007	-0.061	0.003	-0.001	-0.001	0.003	0.013	-0.019	-0.011	-0.006	-0.006	-0.002	-0.001	-0.015
		0.000	-0.001	-0.001	-1.472	-0.003	0.000	0.002	0.007	-0.003	-0.078	0.010	0.008	-0.001	-0.001	-0.003	0.010
		-0.023	-0.002	0.007	-0.066	0.001	-0.001	0.001	0.020	0.026	0.019	-0.019	-0.002	-0.008	-0.011	0.011	0.008
		0.000	-0.002	0.001	-1.479	-0.003	0.001	0.001	0.004	0.010	-0.106	0.007	-0.003	0.007	0.003	0.002	-0.017
		0.057	-0.001	0.005	-0.064	0.000	-0.001	0.000	-0.001	0.010	-0.038	-0.013	0.000	-0.001	-0.004	-0.010	-0.013
		0.000	-0.001	0.000	-1.480	-0.002	0.000	0.001	0.010	-0.001	-0.109	0.012	-0.004	-0.005	0.006	-0.002	-0.002
RUN	POINT	Harmonics															
52	100																
		0.019	-0.001	0.001	0.003	1.323	-0.003	0.000	0.000	0.019	-0.008	0.001	0.005	0.028	0.008	0.008	0.003
		0.000	0.001	-0.002	-0.002	0.673	-0.002	-0.002	0.001	0.024	0.002	-0.011	-0.006	-0.102	0.015	0.004	-0.004
		0.028	0.000	-0.001	0.002	1.322	-0.004	-0.001	-0.008	0.030	-0.009	-0.001	0.014	0.058	-0.001	0.001	0.007
		0.000	0.002	-0.001	0.001	0.673	0.000	-0.003	0.003	0.049	0.011	-0.008	-0.008	-0.100	0.023	0.012	0.000
		-0.065	0.000	0.000	-0.001	1.317	0.000	0.000	-0.004	0.024	-0.010	-0.004	0.010	-0.006	-0.003	0.003	0.002
		0.000	0.000	-0.001	0.001	0.673	0.002	-0.001	0.001	0.026	0.022	0.010	-0.002	-0.107	0.004	0.006	0.006
		-0.025	0.000	0.000	-0.002	1.325	0.001	-0.001	0.011	0.048	-0.020	0.005	0.012	0.066	-0.010	-0.001	0.009
		0.000	0.002	-0.001	-0.002	0.674	0.001	-0.003	0.000	0.033	0.019	-0.008	-0.012	-0.087	0.019	0.012	-0.005
		0.057	0.000	0.000	0.001	1.323	0.001	-0.001	-0.010	0.043	-0.011	0.004	0.006	0.013	-0.012	0.004	0.009
		0.000	0.001	-0.001	-0.003	0.674	-0.001	-0.001	-0.009	0.020	0.013	-0.001	-0.017	-0.122	0.014	0.005	-0.005

RUN	POINT	Harmonics																
		52	101	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	FLAP1C_TS_COS	0.016	0.000	-0.005	0.688	-0.004	0.001	0.000	-0.002	0.005	0.072	-0.022	-0.008	-0.003	0.000	-0.006	0.003	
	FLAP1C_TS_SIN	0.000	0.001	-0.001	-1.308	-0.002	-0.001	0.001	0.012	0.009	0.002	-0.004	0.005	0.006	0.016	0.005	-0.011	
	FLAP2C_TS_COS	0.026	0.001	-0.004	0.690	-0.002	0.001	0.000	0.017	0.002	0.093	-0.027	-0.004	0.001	0.010	0.003	0.003	
	FLAP2C_TS_SIN	0.000	0.002	-0.001	-1.308	-0.001	0.000	0.003	0.000	0.020	0.021	-0.011	-0.005	-0.001	0.001	0.005	0.008	
	FLAP3C_TS_COS	-0.067	0.000	-0.003	0.689	0.001	0.001	0.000	0.002	0.004	0.080	-0.012	-0.009	0.000	0.006	0.004	0.010	
	FLAP3C_TS_SIN	0.000	0.002	0.002	-1.302	-0.002	0.000	0.002	-0.001	0.008	-0.014	0.008	0.009	-0.002	-0.003	0.000	-0.010	
	FLAP4C_TS_COS	-0.025	0.001	-0.006	0.690	-0.001	0.001	0.001	0.032	0.005	0.090	-0.020	-0.004	0.000	0.016	0.004	0.014	
	FLAP4C_TS_SIN	0.000	0.002	0.001	-1.311	-0.004	0.000	0.001	-0.008	0.028	0.021	-0.012	0.004	0.011	0.007	0.006	0.010	
	FLAP5C_TS_COS	0.055	0.000	-0.006	0.691	-0.003	0.001	-0.001	-0.003	0.010	0.100	-0.020	-0.005	-0.003	-0.001	0.001	0.010	
	FLAP5C_TS_SIN	0.000	0.003	-0.001	-1.310	-0.003	0.000	0.003	-0.008	0.009	-0.026	-0.009	0.008	0.017	0.013	-0.001	-0.009	
RUN	POINT	Harmonics																
52	102	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15
	FLAP1C_TS_COS	0.017	0.000	0.003	0.001	0.819	-0.001	0.001	0.000	0.002	-0.006	-0.008	0.003	0.107	0.003	-0.005	0.009	
	FLAP1C_TS_SIN	0.000	-0.002	-0.002	0.001	1.233	-0.003	0.000	0.014	0.039	0.009	-0.010	0.001	0.020	0.005	0.013	-0.001	
	FLAP2C_TS_COS	0.025	0.000	0.004	-0.001	0.818	-0.004	-0.001	0.008	-0.014	-0.002	0.001	0.006	0.103	-0.016	-0.003	0.001	
	FLAP2C_TS_SIN	0.000	0.000	-0.001	0.002	1.236	-0.001	-0.001	0.009	0.065	0.007	-0.008	0.010	0.050	0.002	0.008	0.006	
	FLAP3C_TS_COS	-0.067	0.000	0.002	-0.003	0.814	-0.001	0.000	0.009	0.003	-0.016	-0.017	0.004	0.106	-0.001	-0.012	0.002	
	FLAP3C_TS_SIN	0.000	-0.002	-0.001	0.000	1.233	0.002	0.000	0.005	0.044	0.016	0.003	0.014	-0.012	0.002	0.009	-0.002	
	FLAP4C_TS_COS	-0.027	-0.001	0.003	-0.001	0.820	0.000	0.001	0.029	0.012	-0.016	-0.002	0.000	0.097	-0.006	-0.003	0.012	
	FLAP4C_TS_SIN	0.000	-0.002	-0.001	-0.003	1.237	0.003	-0.001	0.003	0.067	0.007	0.009	0.013	0.063	-0.002	0.010	-0.002	
	FLAP5C_TS_COS	0.054	0.000	0.003	0.001	0.818	0.002	-0.001	0.005	0.019	-0.009	-0.007	0.008	0.130	-0.006	-0.013	0.005	
	FLAP5C TS SIN	0.000	-0.001	-0.001	-0.002	1.236	0.000	0.000	-0.001	0.061	0.012	-0.002	0.004	0.003	0.000	0.010	0.002	

RUN	POINT	Harmonics																	
		52	103	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.014	0.002	0.001	0.003	-0.002	-0.002	-1.246	0.003	-0.031	0.023	-0.021	0.004	-0.016	0.004	0.010	0.009	0.036	
FLAP1C	TS_SIN	0.000	0.000	-0.001	0.003	0.009	0.009	0.829	-0.002	0.055	0.003	0.007	-0.003	0.002	0.010	0.034	0.001	-0.094	
FLAP2C	TS_COS	0.023	0.003	-0.001	0.001	-0.005	-0.005	-1.249	0.002	-0.024	0.025	-0.009	0.004	-0.006	-0.020	0.002	0.010	0.074	
FLAP2C	TS_SIN	0.000	0.000	0.000	0.003	0.005	0.005	0.824	-0.006	0.048	0.013	0.005	-0.015	0.015	-0.005	0.019	-0.018	-0.098	
FLAP3C	TS_COS	-0.069	0.001	0.003	0.003	-0.002	-0.002	-1.242	-0.002	-0.006	0.026	-0.022	-0.004	0.001	-0.003	0.006	0.014	0.024	
FLAP3C	TS_SIN	0.000	0.000	0.000	0.002	0.001	0.001	0.821	-0.006	0.063	0.001	0.013	0.000	0.006	-0.007	0.006	-0.012	-0.114	
FLAP4C	TS_COS	-0.031	0.002	0.001	0.004	0.002	0.002	-1.249	-0.001	-0.014	0.026	-0.022	-0.011	-0.002	-0.012	0.002	0.016	0.083	
FLAP4C	TS_SIN	0.000	-0.001	-0.002	0.003	0.006	0.006	0.830	-0.003	0.051	0.014	0.003	-0.018	0.016	-0.010	0.011	-0.026	-0.094	
FLAP5C	TS_COS	0.052	0.002	0.001	0.001	0.002	0.002	-1.247	0.001	-0.015	0.026	-0.004	-0.001	-0.002	-0.006	-0.003	0.007	0.018	
FLAP5C	TS_SIN	0.000	0.000	0.001	0.003	0.006	0.006	0.828	0.002	0.033	0.011	0.004	-0.031	0.006	0.000	0.033	-0.020	-0.121	
RUN	POINT	Harmonics																	
52	104	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.025	-0.004	-0.005	-1.163	-0.014	0.000	0.002	-0.012	-0.005	-0.005	-0.021	-0.020	-0.010	-0.007	-0.007	0.009	-0.004	
FLAP1C	TS_SIN	0.000	-0.001	-0.014	0.913	-0.006	-0.004	0.005	-0.003	-0.012	-0.012	-0.072	0.009	-0.001	-0.001	-0.018	-0.001	-0.007	
FLAP2C	TS_COS	0.032	0.002	0.012	-1.164	-0.009	-0.003	-0.002	-0.011	-0.003	-0.003	-0.007	-0.028	-0.003	0.003	-0.011	0.003	0.007	
FLAP2C	TS_SIN	0.000	-0.004	-0.004	0.911	0.013	0.001	0.000	0.018	-0.018	-0.018	-0.096	0.006	-0.004	-0.001	0.001	-0.003	0.003	
FLAP3C	TS_COS	-0.064	0.000	0.010	-1.160	0.011	0.002	0.002	-0.005	-0.008	-0.008	-0.039	-0.009	-0.013	0.000	-0.008	-0.005	-0.005	
FLAP3C	TS_SIN	0.000	0.003	0.015	0.908	0.014	0.000	0.000	0.005	-0.005	-0.005	-0.070	0.016	0.005	0.001	0.003	-0.003	-0.015	
FLAP4C	TS_COS	-0.019	-0.002	-0.011	-1.166	0.018	-0.003	-0.002	-0.010	-0.004	-0.004	-0.009	-0.025	-0.005	-0.011	-0.017	0.003	0.015	
FLAP4C	TS_SIN	0.000	-0.004	0.019	0.913	-0.004	-0.002	0.005	0.031	-0.031	-0.031	-0.090	0.008	0.002	-0.002	-0.003	-0.007	-0.008	
FLAP5C	TS_COS	0.057	0.002	-0.021	-1.165	0.003	0.001	0.001	0.004	-0.008	-0.008	-0.057	-0.020	-0.008	-0.014	-0.003	-0.001	-0.004	
FLAP5C	TS_SIN	0.000	0.001	0.001	0.914	-0.017	0.002	-0.001	0.002	-0.014	-0.014	-0.086	0.007	0.003	-0.003	-0.014	0.000	-0.013	

RUN	POINT	Harmonics																	
		52	105	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.019	0.003	0.006	-0.002	-0.001	-0.001	0.001	0.005	0.000	0.000	-0.002	0.001	0.003	0.003	0.003	0.001	-0.001	-0.001
FLAP1C	TS_SIN	0.000	-0.001	0.002	-0.003	0.003	0.003	-0.002	0.003	0.001	0.000	0.000	-0.003	0.000	0.000	0.003	0.003	0.002	0.000
FLAP2C	TS_COS	0.025	-0.002	0.006	-0.004	-0.001	0.002	0.000	0.001	-0.004	0.001	-0.006	-0.004	0.000	0.000	0.002	0.002	0.001	-0.001
FLAP2C	TS_SIN	0.000	0.001	0.003	-0.005	0.003	0.001	-0.001	0.003	0.003	0.003	0.002	0.002	0.000	-0.001	-0.001	-0.001	-0.001	0.000
FLAP3C	TS_COS	-0.064	0.000	0.006	-0.002	-0.002	0.001	0.000	0.003	-0.002	0.000	-0.003	-0.001	0.000	0.000	0.002	0.002	0.001	0.001
FLAP3C	TS_SIN	0.000	0.000	0.002	-0.004	0.001	0.000	-0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.002	0.002	0.000	-0.002	-0.001
FLAP4C	TS_COS	-0.020	0.001	0.007	-0.002	-0.001	0.002	0.001	0.002	-0.002	0.002	-0.002	-0.003	-0.002	0.000	0.002	0.002	0.001	-0.001
FLAP4C	TS_SIN	0.000	0.000	0.002	-0.005	0.001	0.000	0.000	0.002	0.002	0.002	0.002	0.001	0.002	0.001	0.001	-0.001	-0.001	-0.001
FLAP5C	TS_COS	0.058	0.002	0.006	-0.003	-0.002	0.000	0.000	0.001	-0.001	0.001	-0.001	-0.002	0.000	0.001	0.001	0.000	-0.001	-0.001
FLAP5C	TS_SIN	0.000	0.000	0.003	-0.005	0.002	0.000	-0.001	0.001	0.000	0.001	0.000	0.000	0.001	0.001	0.001	-0.001	-0.002	0.000
RUN	POINT	Harmonics																	
52	106	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	15
FLAP1C	TS_COS	0.023	0.000	0.005	0.004	1.082	-0.001	0.001	-0.002	0.004	0.004	-0.013	-0.019	-0.005	0.120	0.007	-0.004	0.014	0.014
FLAP1C	TS_SIN	0.000	-0.002	-0.003	0.004	1.656	-0.004	-0.001	0.015	0.057	0.016	0.016	-0.007	0.008	0.019	0.005	0.017	-0.005	-0.005
FLAP2C	TS_COS	0.033	0.000	0.004	-0.001	1.078	-0.004	-0.001	-0.006	-0.015	0.001	-0.015	-0.004	0.009	0.131	-0.017	-0.007	0.010	0.010
FLAP2C	TS_SIN	0.000	0.001	-0.002	0.005	1.659	-0.002	-0.001	0.016	0.074	0.014	0.014	-0.004	0.002	0.050	0.009	0.007	0.014	0.014
FLAP3C	TS_COS	-0.062	0.001	0.003	-0.003	1.074	-0.001	0.000	0.007	0.010	-0.017	-0.017	-0.016	0.004	0.129	-0.001	-0.013	0.000	0.000
FLAP3C	TS_SIN	0.000	-0.001	-0.003	0.002	1.653	0.002	-0.001	0.006	0.047	0.021	0.021	0.013	0.017	-0.029	0.006	0.007	-0.005	-0.005
FLAP4C	TS_COS	-0.021	-0.001	0.005	-0.001	1.082	0.001	0.000	0.023	0.031	-0.021	-0.021	-0.001	0.005	0.123	-0.003	-0.006	0.018	0.018
FLAP4C	TS_SIN	0.000	-0.001	-0.002	-0.001	1.661	0.003	-0.002	0.006	0.087	0.011	0.011	0.012	0.007	0.065	0.006	0.013	0.005	0.005
FLAP5C	TS_COS	0.060	0.001	0.003	0.001	1.080	0.003	0.000	-0.002	0.031	-0.016	-0.016	-0.011	0.003	0.176	-0.002	-0.015	0.012	0.012
FLAP5C	TS_SIN	0.000	-0.001	-0.002	-0.001	1.659	0.000	0.000	0.008	0.083	0.018	0.018	0.001	0.003	-0.006	0.001	0.010	0.006	0.006

RUN	POINT	Harmonics																	
		52	107	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.020	0.001	0.005	0.001	0.548	-0.001	0.000	-0.002	0.000	-0.005	-0.002	0.000	-0.005	0.012	0.071	0.002	-0.005	0.006
FLAP1C	TS_SIN	0.000	-0.002	0.000	0.003	0.825	-0.001	0.000	0.017	0.030	0.006	-0.006	0.030	-0.006	-0.002	0.025	0.002	0.008	0.006
FLAP2C	TS_COS	0.030	0.002	0.005	-0.001	0.545	-0.003	0.000	0.010	-0.020	-0.005	0.000	-0.020	0.000	0.000	0.059	-0.011	0.002	-0.001
FLAP2C	TS_SIN	0.000	-0.001	0.002	0.004	0.828	0.000	-0.001	0.010	0.047	0.008	0.003	0.047	0.003	0.015	0.044	-0.006	0.005	-0.002
FLAP3C	TS_COS	-0.064	0.001	0.004	-0.001	0.542	-0.001	0.001	0.008	-0.006	-0.010	-0.012	-0.006	-0.010	0.002	0.073	-0.002	-0.007	0.002
FLAP3C	TS_SIN	0.000	-0.002	0.000	0.002	0.825	0.002	-0.001	0.007	0.032	0.012	0.001	0.032	0.012	0.011	0.003	-0.002	0.005	-0.002
FLAP4C	TS_COS	-0.023	0.001	0.006	0.000	0.546	0.000	0.001	0.022	-0.007	-0.010	-0.001	-0.007	-0.010	-0.006	0.047	-0.006	0.001	0.008
FLAP4C	TS_SIN	0.000	-0.002	0.001	0.001	0.829	0.002	-0.002	0.010	0.042	0.007	0.014	0.042	0.007	0.015	0.051	-0.010	0.005	-0.009
FLAP5C	TS_COS	0.058	0.002	0.005	0.001	0.546	0.001	0.000	0.010	0.008	0.000	0.000	0.008	0.000	0.006	0.076	-0.011	-0.008	0.000
FLAP5C	TS_SIN	0.000	-0.001	0.000	0.001	0.827	0.000	-0.001	-0.001	0.041	0.010	-0.003	0.041	0.010	0.008	0.012	-0.002	0.009	0.001
RUN	POINT	Harmonics																	
52	108	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.024	-0.001	-0.002	0.002	0.806	0.000	0.000	-0.005	0.004	-0.006	-0.011	0.003	0.105	0.005	-0.007	0.008		
FLAP1C	TS_SIN	0.000	-0.001	-0.001	0.001	1.245	-0.001	0.000	0.013	0.037	0.010	-0.004	-0.002	0.024	0.003	0.011	0.002		
FLAP2C	TS_COS	0.034	0.000	-0.004	-0.001	0.805	-0.001	0.000	0.006	-0.011	-0.003	-0.004	0.004	0.101	-0.014	-0.003	0.002		
FLAP2C	TS_SIN	0.000	0.001	0.001	0.002	1.246	-0.001	0.000	0.006	0.060	0.009	-0.007	0.010	0.051	0.001	0.006	0.005		
FLAP3C	TS_COS	-0.061	0.000	-0.002	-0.002	0.799	0.000	0.000	0.006	0.002	-0.015	-0.019	0.000	0.103	-0.001	-0.011	0.002		
FLAP3C	TS_SIN	0.000	-0.001	0.000	0.001	1.243	0.002	0.000	0.006	0.041	0.016	0.005	0.014	-0.009	-0.001	0.007	-0.002		
FLAP4C	TS_COS	-0.019	-0.001	-0.002	-0.002	0.804	0.002	0.001	0.030	0.014	-0.017	-0.006	-0.002	0.094	-0.006	-0.005	0.012		
FLAP4C	TS_SIN	0.000	0.000	0.001	-0.002	1.246	0.001	0.000	0.002	0.063	0.009	0.014	0.012	0.064	-0.002	0.007	-0.004		
FLAP5C	TS_COS	0.062	0.000	-0.002	0.001	0.804	0.002	-0.001	0.004	0.020	-0.008	-0.007	0.005	0.129	-0.006	-0.011	0.003		
FLAP5C	TS SIN	0.000	0.000	0.000	-0.001	1.247	0.000	0.000	-0.004	0.061	0.011	0.001	0.003	0.008	-0.002	0.009	0.002		

RUN	POINT	Harmonics																
		52	109	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
FLAP1C	TS_COS	0.017	0.000	-0.006	0.003	0.811	-0.001	0.000	0.001	0.006	-0.007	-0.012	0.001	0.107	0.005	-0.005	0.010	
FLAP1C	TS_SIN	0.000	0.001	0.002	0.000	1.239	-0.003	0.001	0.017	0.035	0.011	-0.001	-0.001	0.023	0.004	0.011	0.001	
FLAP2C	TS_COS	0.025	0.001	-0.007	0.001	0.809	-0.002	-0.001	0.008	-0.011	-0.003	-0.002	0.003	0.102	-0.014	-0.001	0.003	
FLAP2C	TS_SIN	0.000	0.001	0.002	0.002	1.242	-0.002	0.000	0.007	0.060	0.011	-0.005	0.012	0.052	0.002	0.005	0.006	
FLAP3C	TS_COS	-0.067	0.000	-0.004	-0.002	0.806	-0.001	-0.002	0.012	0.004	-0.015	-0.018	0.002	0.106	-0.001	-0.010	0.005	
FLAP3C	TS_SIN	0.000	0.000	0.001	0.000	1.237	0.001	0.000	0.005	0.042	0.019	0.007	0.014	-0.009	-0.001	0.006	-0.005	
FLAP4C	TS_COS	-0.027	0.000	-0.004	0.001	0.810	0.001	-0.003	0.032	0.014	-0.019	-0.003	-0.001	0.094	-0.006	-0.004	0.013	
FLAP4C	TS_SIN	0.000	0.001	0.002	-0.002	1.244	0.001	0.000	0.003	0.062	0.009	0.014	0.015	0.066	-0.003	0.005	-0.004	
FLAP5C	TS_COS	0.055	0.001	-0.005	0.002	0.811	0.002	-0.002	0.005	0.020	-0.008	-0.009	0.005	0.129	-0.006	-0.010	0.004	
FLAP5C	TS_SIN	0.000	0.001	0.001	-0.002	1.242	-0.001	0.001	0.000	0.059	0.014	0.001	0.004	0.008	-0.002	0.009	0.003	
RUN	POINT	Harmonics																
52	110	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
FLAP1C	TS_COS	0.021	-0.001	-0.006	0.003	0.814	-0.001	0.000	0.006	0.004	-0.007	-0.013	0.002	0.107	0.004	-0.006	0.013	
FLAP1C	TS_SIN	0.000	0.002	0.000	0.001	1.239	-0.004	0.000	0.011	0.040	0.011	-0.002	0.001	0.021	0.002	0.010	-0.002	
FLAP2C	TS_COS	0.030	-0.001	-0.006	0.000	0.811	-0.003	-0.002	0.010	-0.012	-0.002	-0.007	0.004	0.102	-0.013	-0.002	0.006	
FLAP2C	TS_SIN	0.000	0.003	0.001	0.002	1.242	-0.004	-0.001	0.003	0.063	0.012	-0.002	0.012	0.051	0.001	0.005	0.004	
FLAP3C	TS_COS	-0.064	-0.001	-0.004	-0.002	0.809	-0.002	-0.002	0.014	0.005	-0.014	-0.021	0.001	0.104	0.000	-0.011	0.004	
FLAP3C	TS_SIN	0.000	0.001	0.001	0.000	1.237	0.001	0.000	0.000	0.046	0.020	0.011	0.015	-0.008	-0.001	0.007	-0.004	
FLAP4C	TS_COS	-0.023	0.000	-0.004	0.000	0.815	0.001	-0.003	0.032	0.015	-0.016	-0.006	0.000	0.095	-0.005	-0.004	0.015	
FLAP4C	TS_SIN	0.000	0.002	0.001	-0.003	1.242	0.001	-0.001	-0.001	0.065	0.012	0.016	0.016	0.066	-0.003	0.006	-0.005	
FLAP5C	TS_COS	0.058	0.000	-0.005	0.002	0.813	0.002	-0.002	0.010	0.020	-0.008	-0.011	0.005	0.130	-0.005	-0.011	0.007	
FLAP5C	TS_SIN	0.000	0.002	0.000	-0.001	1.241	-0.001	0.000	-0.006	0.062	0.015	0.004	0.004	0.009	-0.002	0.008	0.001	

RUN	POINT	Harmonics																	
		52	111	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.020	0.000	0.005	0.002	0.818	0.000	0.000	0.000	-0.008	0.005	-0.004	-0.005	0.003	0.105	0.003	-0.008	0.007	
FLAP1C	TS_SIN	0.000	-0.003	-0.002	-0.001	1.235	-0.001	0.001	-0.001	0.017	0.036	0.008	-0.008	-0.002	0.023	0.005	0.015	0.002	
FLAP2C	TS_COS	0.029	0.000	0.005	-0.001	0.815	-0.002	0.000	-0.002	0.001	-0.014	0.000	0.007	0.006	0.102	-0.018	-0.003	-0.002	
FLAP2C	TS_SIN	0.000	0.000	0.000	0.001	1.238	-0.001	0.001	0.000	0.008	0.062	0.008	-0.008	0.009	0.051	0.001	0.009	0.007	
FLAP3C	TS_COS	-0.065	0.000	0.003	-0.002	0.813	0.000	0.000	0.000	0.001	0.002	-0.012	-0.011	0.002	0.104	-0.004	-0.012	-0.001	
FLAP3C	TS_SIN	0.000	-0.002	-0.002	-0.001	1.234	0.002	0.001	0.002	0.007	0.042	0.014	0.000	0.011	-0.009	0.003	0.013	0.000	
FLAP4C	TS_COS	-0.023	-0.001	0.004	-0.002	0.820	0.004	0.001	0.004	0.024	0.011	-0.015	0.006	-0.001	0.095	-0.010	-0.003	0.009	
FLAP4C	TS_SIN	0.000	-0.001	0.000	-0.004	1.238	0.003	0.002	0.000	0.004	0.065	0.006	0.006	0.011	0.064	-0.003	0.013	-0.003	
FLAP5C	TS_COS	0.058	0.001	0.004	0.001	0.818	0.003	0.000	0.000	-0.002	0.017	-0.007	-0.001	0.007	0.127	-0.008	-0.014	0.001	
FLAP5C	TS_SIN	0.000	-0.001	-0.001	-0.004	1.238	0.001	0.001	0.001	0.002	0.066	0.012	-0.004	0.003	0.007	0.001	0.014	0.005	
RUN	POINT	Harmonics																	
52	112	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.022	0.000	0.002	0.002	0.813	0.000	0.002	-0.004	0.005	-0.005	-0.009	0.006	0.107	0.004	-0.007	0.007	0.007	
FLAP1C	TS_SIN	0.000	-0.001	-0.001	0.002	1.237	-0.004	0.000	0.013	0.038	0.009	-0.007	-0.002	0.024	0.004	0.013	0.000	0.000	
FLAP2C	TS_COS	0.030	0.000	0.002	-0.001	0.813	-0.002	0.000	0.006	-0.015	-0.001	-0.001	-0.001	0.007	0.102	-0.015	-0.001	0.000	
FLAP2C	TS_SIN	0.000	0.000	0.001	0.003	1.239	-0.003	0.000	0.006	0.062	0.008	-0.006	0.008	0.008	0.053	0.002	0.007	0.006	
FLAP3C	TS_COS	-0.064	0.000	0.000	-0.003	0.808	-0.001	0.001	0.005	0.003	-0.013	-0.014	-0.014	0.004	0.105	-0.002	-0.011	0.000	
FLAP3C	TS_SIN	0.000	-0.001	-0.001	0.000	1.236	0.001	0.000	0.004	0.043	0.015	0.004	0.004	0.011	-0.007	0.003	0.009	-0.002	
FLAP4C	TS_COS	-0.022	0.000	0.002	-0.001	0.814	0.003	0.002	0.026	0.011	-0.016	0.000	0.000	0.000	0.095	-0.006	-0.002	0.009	
FLAP4C	TS_SIN	0.000	0.000	0.000	-0.001	1.241	0.001	-0.001	0.001	0.065	0.008	0.010	0.010	0.012	0.065	-0.003	0.010	-0.004	
FLAP5C	TS_COS	0.058	0.000	0.002	0.001	0.814	0.003	0.000	0.001	0.018	-0.008	-0.005	-0.005	0.008	0.128	-0.006	-0.012	0.003	
FLAP5C	TS_SIN	0.000	-0.001	0.000	-0.001	1.240	0.000	0.001	0.000	0.064	0.011	-0.002	-0.002	0.003	0.009	0.001	0.012	0.004	

RUN	POINT	Harmonics																	
		52	113	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.020	0.000	0.007	0.002	0.808	-0.002	0.001	0.005	0.004	-0.008	-0.013	0.002	0.108	0.005	0.005	-0.006	0.014	
FLAP1C	TS_SIN	0.000	0.002	0.000	0.001	1.247	-0.004	-0.001	0.014	0.039	0.012	-0.007	0.003	0.023	0.003	0.009	0.000	0.000	
FLAP2C	TS_COS	0.030	0.000	0.006	0.000	0.805	-0.005	0.000	0.010	-0.013	-0.004	-0.007	0.005	0.102	-0.012	-0.002	0.004	0.004	
FLAP2C	TS_SIN	0.000	0.004	0.002	0.001	1.250	-0.003	0.000	0.006	0.064	0.012	-0.007	0.011	0.054	0.002	0.007	0.006	0.006	
FLAP3C	TS_COS	-0.064	0.000	0.006	-0.002	0.803	-0.002	0.000	0.011	0.007	-0.014	-0.020	0.002	0.106	0.002	-0.011	0.004	0.004	
FLAP3C	TS_SIN	0.000	0.002	0.000	0.000	1.245	0.000	-0.001	0.001	0.046	0.020	0.006	0.015	-0.006	0.002	0.006	-0.002	-0.002	
FLAP4C	TS_COS	-0.023	0.000	0.009	0.000	0.807	-0.001	-0.001	0.031	0.015	-0.018	-0.003	-0.001	0.096	-0.004	-0.003	0.014	0.014	
FLAP4C	TS_SIN	0.000	0.002	0.000	-0.003	1.252	0.001	-0.003	0.002	0.068	0.013	0.012	0.016	0.066	-0.003	0.006	-0.002	-0.002	
FLAP5C	TS_COS	0.058	0.001	0.006	0.002	0.808	0.001	0.001	0.007	0.017	-0.010	-0.011	0.005	0.130	-0.006	-0.011	0.008	0.008	
FLAP5C	TS_SIN	0.000	0.002	0.000	-0.003	1.248	-0.002	0.000	0.000	0.065	0.015	-0.001	0.007	0.010	-0.002	0.007	0.004	0.004	
RUN	POINT	Harmonics																	
52	114	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.021	0.000	0.004	0.002	0.806	0.001	0.000	0.012	0.002	-0.008	-0.017	0.002	0.108	0.004	-0.007	0.012	0.012	
FLAP1C	TS_SIN	0.000	-0.001	0.000	0.001	1.242	-0.003	-0.001	0.008	0.041	0.009	-0.004	0.002	0.024	0.002	0.009	-0.002	-0.002	
FLAP2C	TS_COS	0.031	0.001	0.005	-0.001	0.806	-0.001	-0.001	0.017	-0.014	-0.002	-0.009	0.005	0.099	-0.013	-0.004	0.005	0.005	
FLAP2C	TS_SIN	0.000	0.001	0.001	0.003	1.244	-0.001	-0.001	0.001	0.066	0.009	-0.005	0.012	0.052	0.001	0.005	0.004	0.004	
FLAP3C	TS_COS	-0.063	0.001	0.003	-0.003	0.801	0.000	0.000	0.017	0.006	-0.016	-0.022	0.002	0.105	0.001	-0.012	0.003	0.003	
FLAP3C	TS_SIN	0.000	-0.001	0.000	0.000	1.241	0.001	-0.001	-0.001	0.046	0.017	0.010	0.016	-0.005	0.000	0.004	-0.003	-0.003	
FLAP4C	TS_COS	-0.022	0.000	0.004	-0.002	0.808	0.004	0.000	0.038	0.014	-0.016	-0.008	-0.001	0.095	-0.004	-0.004	0.016	0.016	
FLAP4C	TS_SIN	0.000	0.000	0.001	-0.002	1.244	0.002	-0.001	-0.005	0.068	0.009	0.015	0.015	0.066	-0.004	0.006	-0.004	-0.004	
FLAP5C	TS_COS	0.058	0.001	0.003	0.002	0.807	0.004	0.000	0.013	0.017	-0.008	-0.014	0.006	0.129	-0.007	-0.013	0.005	0.005	
FLAP5C	TS_SIN	0.000	0.000	0.000	-0.002	1.245	-0.001	-0.001	-0.008	0.067	0.012	0.004	0.005	0.012	-0.003	0.006	0.001	0.001	

RUN	POINT	Harmonics																	
		52	115	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.020	0.000	0.003	0.002	0.826	-0.001	0.000	-0.003	0.008	-0.007	-0.011	0.003	0.109	0.006	0.006	-0.006	0.009	
FLAP1C	TS_SIN	0.000	-0.002	-0.001	0.001	1.232	-0.002	0.000	0.014	0.035	0.011	-0.001	-0.001	0.023	0.004	0.004	0.010	0.001	
FLAP2C	TS_COS	0.030	0.000	0.002	-0.001	0.823	-0.003	-0.001	0.005	-0.010	-0.001	-0.002	0.005	0.104	-0.014	-0.001	0.002	0.002	
FLAP2C	TS_SIN	0.000	0.000	0.000	0.003	1.234	0.000	-0.002	0.006	0.059	0.010	-0.005	0.011	0.050	0.002	0.006	0.006	0.005	
FLAP3C	TS_COS	-0.064	0.001	0.001	-0.002	0.820	-0.001	0.000	0.006	0.005	-0.014	-0.016	0.002	0.105	-0.001	-0.009	0.001	0.001	
FLAP3C	TS_SIN	0.000	-0.001	0.000	0.001	1.230	0.002	0.000	0.004	0.042	0.019	0.008	0.013	-0.010	0.001	0.006	0.006	-0.004	
FLAP4C	TS_COS	-0.022	0.000	0.004	-0.002	0.825	0.002	0.000	0.028	0.014	-0.019	-0.003	-0.002	0.097	-0.006	-0.002	0.011	0.011	
FLAP4C	TS_SIN	0.000	-0.001	0.000	-0.002	1.236	0.003	-0.001	0.003	0.063	0.011	0.012	0.014	0.064	-0.003	0.008	0.008	-0.005	
FLAP5C	TS_COS	0.058	0.001	0.003	0.002	0.826	0.002	-0.001	0.003	0.020	-0.009	-0.008	0.006	0.129	-0.006	-0.010	0.003	0.003	
FLAP5C	TS_SIN	0.000	-0.001	0.000	-0.002	1.235	0.000	0.000	-0.001	0.060	0.013	0.002	0.004	0.007	0.000	0.010	0.010	0.003	
RUN	POINT	Harmonics																	
52	116	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.021	0.001	-0.002	0.001	0.813	0.000	0.001	-0.003	0.004	-0.007	-0.007	0.005	0.106	0.004	-0.008	0.010	0.010	
FLAP1C	TS_SIN	0.000	-0.003	0.000	0.005	1.237	-0.004	-0.001	0.015	0.036	0.009	-0.006	0.001	0.025	0.003	0.012	-0.001	-0.001	
FLAP2C	TS_COS	0.031	0.001	-0.003	-0.002	0.812	-0.001	0.000	0.006	-0.014	-0.002	0.000	0.007	0.102	-0.015	-0.002	0.001	0.001	
FLAP2C	TS_SIN	0.000	-0.002	0.001	0.007	1.238	-0.003	0.000	0.007	0.060	0.008	-0.007	0.011	0.054	0.001	0.007	0.005	0.005	
FLAP3C	TS_COS	-0.064	0.001	-0.002	-0.003	0.807	-0.001	0.000	0.004	0.002	-0.013	-0.016	0.003	0.106	-0.001	-0.012	0.001	0.001	
FLAP3C	TS_SIN	0.000	-0.003	0.000	0.002	1.235	0.000	-0.001	0.005	0.043	0.017	0.005	0.012	-0.007	0.001	0.007	-0.003	-0.003	
FLAP4C	TS_COS	-0.022	0.000	-0.003	-0.002	0.815	0.002	0.000	0.027	0.011	-0.017	0.000	0.001	0.096	-0.008	-0.003	0.011	0.011	
FLAP4C	TS_SIN	0.000	-0.002	0.001	0.001	1.240	0.001	-0.001	0.001	0.064	0.008	0.011	0.014	0.066	-0.003	0.008	-0.005	-0.005	
FLAP5C	TS_COS	0.059	0.001	-0.003	0.001	0.812	0.002	0.001	0.003	0.016	-0.009	-0.005	0.008	0.129	-0.006	-0.011	0.004	0.004	
FLAP5C	TS_SIN	0.000	-0.003	0.000	0.002	1.241	-0.001	0.000	-0.002	0.064	0.012	-0.001	0.005	0.011	0.000	0.011	0.002	0.002	

RUN	POINT	Harmonics																	
		52	117	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.022	0.000	0.002	0.003	0.811	-0.001	0.000	0.000	-0.003	0.005	-0.009	-0.009	0.004	0.106	0.006	-0.005	0.011	
FLAP1C	TS_SIN	0.000	-0.001	-0.001	0.002	1.242	-0.001	-0.002	-0.002	0.021	0.036	0.010	-0.006	0.000	0.026	0.004	0.010	0.002	
FLAP2C	TS_COS	0.030	0.000	0.002	0.000	0.810	-0.002	0.000	0.000	0.005	-0.013	-0.003	0.002	0.005	0.102	-0.013	-0.001	0.002	
FLAP2C	TS_SIN	0.000	0.000	0.000	0.004	1.242	-0.002	-0.004	-0.004	0.012	0.059	0.011	-0.007	0.011	0.054	0.002	0.006	0.007	
FLAP3C	TS_COS	-0.063	0.001	0.003	-0.002	0.807	-0.002	-0.001	-0.001	0.008	0.001	-0.015	-0.015	0.004	0.104	0.000	-0.010	0.005	
FLAP3C	TS_SIN	0.000	0.000	0.000	0.001	1.239	0.000	-0.003	-0.003	0.010	0.042	0.018	0.002	0.013	-0.008	0.002	0.007	-0.003	
FLAP4C	TS_COS	-0.022	0.000	0.005	0.000	0.812	0.001	-0.001	-0.001	0.030	0.013	-0.019	0.001	-0.001	0.095	-0.005	-0.001	0.013	
FLAP4C	TS_SIN	0.000	-0.001	-0.001	-0.001	1.244	0.001	-0.005	-0.005	0.008	0.063	0.009	0.010	0.015	0.066	-0.004	0.007	-0.002	
FLAP5C	TS_COS	0.059	0.001	0.003	0.003	0.812	0.002	0.000	0.000	0.004	0.018	-0.010	-0.005	0.008	0.130	-0.004	-0.010	0.007	
FLAP5C	TS_SIN	0.000	0.000	0.000	-0.001	1.243	-0.001	-0.002	-0.002	0.005	0.062	0.014	-0.002	0.005	0.010	0.000	0.010	0.004	
RUN	POINT	Harmonics																	
52	118	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.021	0.000	0.003	0.002	0.809	0.000	0.001	-0.001	0.002	0.002	-0.011	-0.007	0.003	0.107	0.005	-0.005	0.011	
FLAP1C	TS_SIN	0.000	-0.001	0.000	0.001	1.244	-0.002	-0.001	0.019	0.019	0.036	0.009	-0.010	0.001	0.025	0.003	0.011	0.001	
FLAP2C	TS_COS	0.031	0.000	0.003	-0.002	0.807	-0.004	-0.001	0.007	0.007	-0.015	-0.005	0.001	0.006	0.102	-0.014	-0.002	0.002	
FLAP2C	TS_SIN	0.000	0.001	0.002	0.002	1.245	-0.002	-0.001	0.014	0.014	0.062	0.009	-0.007	0.010	0.054	0.001	0.007	0.008	
FLAP3C	TS_COS	-0.063	0.001	0.003	-0.003	0.803	-0.001	0.000	0.008	0.008	0.004	-0.016	-0.015	0.002	0.107	0.001	-0.010	0.003	
FLAP3C	TS_SIN	0.000	-0.001	0.000	-0.001	1.241	0.001	0.000	0.007	0.007	0.044	0.017	0.003	0.014	-0.006	0.002	0.008	-0.002	
FLAP4C	TS_COS	-0.022	0.000	0.003	-0.002	0.811	0.001	0.000	0.031	0.031	0.012	-0.021	0.001	0.000	0.095	-0.006	-0.002	0.014	
FLAP4C	TS_SIN	0.000	0.000	0.001	-0.002	1.247	0.002	-0.001	0.009	0.009	0.065	0.008	0.008	0.014	0.067	-0.003	0.009	-0.002	
FLAP5C	TS_COS	0.059	0.001	0.003	0.000	0.811	0.003	0.000	0.006	0.006	0.015	-0.012	-0.005	0.006	0.130	-0.005	-0.012	0.006	
FLAP5C	TS SIN	0.000	0.000	0.001	-0.003	1.245	0.000	0.000	0.005	0.005	0.066	0.013	-0.004	0.005	0.010	0.000	0.011	0.003	

RUN	POINT	Harmonics																	
		52	119	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.023	-0.001	-0.001	0.003	0.821	-0.001	0.001	0.007	0.003	-0.010	-0.017	0.004	0.109	0.006	0.006	-0.006	0.011	
FLAP1C	TS_SIN	0.000	0.001	0.001	0.000	1.235	-0.004	-0.001	0.012	0.037	0.011	-0.002	0.001	0.022	0.001	0.008	-0.003	-0.003	
FLAP2C	TS_COS	0.033	-0.001	-0.001	0.001	0.818	-0.003	-0.001	0.016	-0.012	-0.004	-0.011	0.005	0.103	-0.011	-0.003	0.006	0.006	
FLAP2C	TS_SIN	0.000	0.003	0.002	0.002	1.239	-0.002	-0.002	0.003	0.061	0.011	-0.001	0.010	0.053	0.000	0.005	0.004	0.004	
FLAP3C	TS_COS	-0.061	0.000	0.000	-0.001	0.816	-0.002	0.000	0.014	0.005	-0.016	-0.021	0.003	0.106	0.002	-0.011	0.004	0.004	
FLAP3C	TS_SIN	0.000	0.001	0.000	0.000	1.234	0.001	-0.001	0.001	0.046	0.020	0.011	0.015	-0.008	0.000	0.004	-0.005	-0.005	
FLAP4C	TS_COS	-0.020	0.000	0.001	0.000	0.821	0.001	-0.001	0.036	0.013	-0.020	-0.007	0.001	0.096	-0.002	-0.004	0.015	0.015	
FLAP4C	TS_SIN	0.000	0.002	0.001	-0.002	1.239	0.001	-0.003	0.000	0.065	0.012	0.016	0.016	0.065	-0.005	0.004	-0.004	-0.004	
FLAP5C	TS_COS	0.060	0.001	0.000	0.002	0.820	0.003	0.000	0.012	0.019	-0.010	-0.014	0.006	0.131	-0.003	-0.011	0.008	0.008	
FLAP5C	TS_SIN	0.000	0.001	0.001	-0.002	1.237	-0.002	-0.001	-0.004	0.062	0.014	0.005	0.004	0.010	-0.003	0.006	0.000	0.000	
RUN	POINT	Harmonics																	
52	120	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.018	0.000	-0.002	0.001	0.807	0.001	0.001	-0.002	0.007	-0.004	-0.008	0.004	0.107	0.002	-0.009	0.007	0.007	
FLAP1C	TS_SIN	0.000	-0.003	-0.001	0.003	1.238	-0.003	0.001	0.010	0.037	0.010	-0.004	-0.002	0.029	0.004	0.014	0.002	0.002	
FLAP2C	TS_COS	0.028	0.000	-0.003	-0.002	0.806	0.000	-0.001	0.008	-0.013	-0.001	-0.002	0.005	0.102	-0.015	-0.004	0.001	0.001	
FLAP2C	TS_SIN	0.000	0.000	0.000	0.004	1.239	-0.001	0.000	0.005	0.062	0.010	-0.005	0.009	0.052	0.001	0.008	0.004	0.004	
FLAP3C	TS_COS	-0.066	0.000	-0.003	-0.003	0.802	0.000	0.000	0.007	0.005	-0.013	-0.017	0.000	0.105	-0.002	-0.012	0.000	0.000	
FLAP3C	TS_SIN	0.000	-0.002	0.000	0.001	1.237	0.001	0.001	0.000	0.044	0.016	0.007	0.012	-0.006	0.001	0.009	-0.003	-0.003	
FLAP4C	TS_COS	-0.024	-0.001	-0.002	-0.002	0.809	0.005	0.002	0.030	0.013	-0.015	-0.004	-0.002	0.094	-0.006	-0.004	0.011	0.011	
FLAP4C	TS_SIN	0.000	0.000	0.002	-0.001	1.242	0.003	0.001	-0.003	0.065	0.010	0.010	0.011	0.065	-0.001	0.011	-0.006	-0.006	
FLAP5C	TS_COS	0.056	0.000	-0.003	0.000	0.807	0.003	0.000	0.003	0.016	-0.007	-0.007	0.005	0.126	-0.008	-0.013	0.001	0.001	
FLAP5C	TS_SIN	0.000	-0.001	-0.001	-0.001	1.242	0.000	0.000	-0.003	0.068	0.012	0.000	0.002	0.013	0.001	0.013	0.003	0.003	

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.019	0.000	-0.001	0.002	0.807	-0.001	0.000	0.001	0.005	-0.008	-0.010	0.004	0.106	0.004	-0.007	0.010		
FLAP1C	TS_SIN	0.000	-0.001	0.000	0.002	1.242	-0.002	0.000	0.011	0.039	0.010	-0.004	0.000	0.027	0.004	0.013	-0.001		
FLAP2C	TS_COS	0.028	0.001	-0.002	-0.001	0.806	-0.003	-0.001	0.010	-0.014	-0.001	-0.003	0.005	0.101	-0.014	-0.001	0.004		
FLAP2C	TS_SIN	0.000	0.000	0.000	0.003	1.244	-0.001	0.000	0.002	0.063	0.012	-0.002	0.011	0.057	0.002	0.007	0.004		
FLAP3C	TS_COS	-0.065	0.000	-0.002	-0.002	0.801	-0.001	-0.001	0.009	0.004	-0.013	-0.014	0.003	0.106	-0.001	-0.010	0.003		
FLAP3C	TS_SIN	0.000	-0.001	0.000	0.001	1.241	0.001	0.000	0.000	0.047	0.020	0.009	0.014	-0.004	0.001	0.007	-0.005		
FLAP4C	TS_COS	-0.024	0.000	-0.001	-0.001	0.808	0.001	-0.002	0.032	0.012	-0.018	-0.002	0.000	0.094	-0.005	-0.003	0.013		
FLAP4C	TS_SIN	0.000	0.000	0.001	-0.001	1.245	0.002	-0.001	-0.002	0.066	0.011	0.014	0.014	0.069	-0.003	0.008	-0.007		
FLAP5C	TS_COS	0.057	0.001	-0.002	0.001	0.806	0.001	-0.002	0.005	0.016	-0.009	-0.008	0.006	0.129	-0.005	-0.011	0.004		
FLAP5C	TS_SIN	0.000	0.000	0.000	-0.001	1.246	0.000	0.000	-0.006	0.066	0.013	0.002	0.004	0.015	0.000	0.011	0.001		
RUN	POINT	Harmonics																	
52	122	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.020	-0.001	0.002	0.003	0.810	-0.001	0.000	0.003	0.004	-0.011	-0.013	0.002	0.108	0.005	-0.006	0.011		
FLAP1C	TS_SIN	0.000	-0.001	0.000	0.001	1.241	-0.003	0.001	0.014	0.037	0.009	-0.003	0.002	0.027	0.003	0.010	-0.001		
FLAP2C	TS_COS	0.029	-0.001	0.001	0.000	0.807	-0.004	-0.001	0.011	-0.013	-0.003	-0.004	0.005	0.101	-0.013	-0.002	0.005		
FLAP2C	TS_SIN	0.000	0.000	0.000	0.002	1.244	-0.002	0.000	0.006	0.061	0.010	-0.005	0.011	0.055	0.001	0.006	0.004		
FLAP3C	TS_COS	-0.065	0.000	0.001	-0.002	0.805	-0.002	0.000	0.012	0.004	-0.017	-0.019	0.002	0.107	0.001	-0.010	0.004		
FLAP3C	TS_SIN	0.000	-0.001	0.000	0.001	1.240	0.002	0.001	0.004	0.045	0.017	0.007	0.015	-0.005	0.000	0.005	-0.004		
FLAP4C	TS_COS	-0.024	-0.001	0.002	-0.001	0.809	0.001	-0.001	0.036	0.014	-0.018	-0.004	0.000	0.095	-0.004	-0.004	0.015		
FLAP4C	TS_SIN	0.000	0.000	0.001	-0.002	1.245	0.003	0.000	0.000	0.064	0.008	0.013	0.015	0.067	-0.003	0.008	-0.005		
FLAP5C	TS_COS	0.057	0.000	0.001	0.002	0.809	0.002	0.000	0.006	0.017	-0.010	-0.011	0.006	0.130	-0.005	-0.010	0.006		
FLAP5C	TS_SIN	0.000	-0.001	0.000	-0.002	1.243	0.000	0.001	-0.002	0.065	0.013	0.001	0.004	0.013	-0.002	0.008	0.002		

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.018	-0.001	-0.008	0.004	0.811	-0.002	-0.001	0.005	0.006	-0.007	-0.012	0.003	0.108	0.005	-0.006	0.010		
FLAP1C	TS_SIN	0.000	0.003	0.001	0.000	1.241	-0.003	-0.001	0.011	0.037	0.010	0.001	0.000	0.027	0.002	0.011	0.000		
FLAP2C	TS_COS	0.027	-0.001	-0.009	0.001	0.810	-0.003	-0.002	0.012	-0.011	-0.002	-0.006	0.004	0.102	-0.013	-0.002	0.005		
FLAP2C	TS_SIN	0.000	0.003	0.002	0.001	1.242	-0.002	-0.001	0.005	0.061	0.011	-0.004	0.011	0.053	0.000	0.006	0.004		
FLAP3C	TS_COS	-0.066	0.000	-0.004	-0.001	0.806	-0.003	-0.003	0.014	0.005	-0.014	-0.019	0.002	0.106	0.000	-0.010	0.004		
FLAP3C	TS_SIN	0.000	0.001	0.001	0.001	1.239	0.001	0.001	0.002	0.045	0.017	0.008	0.016	-0.006	-0.002	0.007	-0.005		
FLAP4C	TS_COS	-0.026	-0.001	-0.005	0.001	0.812	-0.002	-0.003	0.035	0.016	-0.017	-0.006	0.000	0.096	-0.004	-0.003	0.015		
FLAP4C	TS_SIN	0.000	0.002	0.001	-0.003	1.244	0.002	-0.002	0.001	0.063	0.011	0.013	0.016	0.065	-0.004	0.007	-0.005		
FLAP5C	TS_COS	0.056	0.000	-0.007	0.002	0.810	0.002	-0.002	0.009	0.019	-0.008	-0.011	0.006	0.129	-0.005	-0.010	0.005		
FLAP5C	TS_SIN	0.000	0.002	0.001	-0.002	1.243	-0.001	0.001	-0.003	0.066	0.013	0.005	0.005	0.013	-0.002	0.011	0.002		
RUN	POINT	Harmonics																	
52	124	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.016	0.001	0.003	0.001	0.000	-0.002	0.000	0.003	0.001	-0.001	0.001	0.002	0.002	0.000	-0.001	0.000		
FLAP1C	TS_SIN	0.000	-0.002	0.000	0.001	0.002	0.000	-0.001	0.003	0.003	0.001	-0.003	0.000	0.003	0.003	0.002	0.000		
FLAP2C	TS_COS	0.031	0.001	0.004	0.000	0.001	-0.001	0.001	0.000	-0.003	-0.004	-0.003	-0.001	0.001	0.001	0.001	0.000		
FLAP2C	TS_SIN	0.000	-0.002	0.000	0.001	0.001	-0.001	0.001	0.003	0.003	0.003	0.000	0.000	-0.001	-0.001	-0.001	0.000		
FLAP3C	TS_COS	-0.061	0.000	0.003	0.000	0.001	-0.001	0.001	0.001	-0.002	-0.002	-0.001	0.000	0.002	0.001	0.001	0.001		
FLAP3C	TS_SIN	0.000	-0.001	-0.001	0.001	0.002	-0.001	0.000	0.001	0.003	0.002	0.003	0.002	0.001	0.000	-0.002	-0.001		
FLAP4C	TS_COS	-0.021	0.001	0.003	-0.001	0.001	-0.001	0.001	0.000	-0.002	-0.003	-0.002	0.000	0.002	0.003	0.002	0.000		
FLAP4C	TS_SIN	0.000	-0.002	0.000	0.002	0.001	-0.001	0.000	0.001	0.002	0.002	0.002	0.002	0.001	0.000	-0.001	-0.001		
FLAP5C	TS_COS	0.057	0.001	0.003	-0.001	0.002	-0.001	-0.001	0.000	-0.002	-0.001	0.001	0.001	0.001	-0.001	-0.001	-0.001		
FLAP5C	TS_SIN	0.000	-0.001	0.000	0.001	0.001	-0.001	0.000	0.001	0.002	0.001	0.001	0.001	0.000	0.000	-0.001	0.000		

RUN	POINT	Harmonics																	
		52	125	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.024	0.000	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.003	-0.001	-0.002	0.001	0.002	0.002	0.000	-0.001	-0.001
FLAP1C	TS_SIN	0.000	0.001	0.001	-0.001	0.000	0.000	0.000	0.001	0.001	0.005	0.004	0.000	-0.003	0.000	0.003	0.003	0.002	0.000
FLAP2C	TS_COS	0.030	0.000	0.002	0.001	0.001	0.001	0.001	0.000	0.000	-0.001	-0.005	-0.004	-0.003	0.000	0.002	0.001	0.000	0.000
FLAP2C	TS_SIN	0.000	0.000	0.002	-0.001	0.000	0.000	0.000	0.001	0.001	0.005	0.003	0.001	-0.001	-0.001	0.000	0.000	-0.001	0.000
FLAP3C	TS_COS	-0.066	0.001	0.002	0.001	0.000	0.001	0.000	0.000	0.000	0.001	-0.002	-0.002	-0.001	0.000	0.002	0.001	0.001	0.001
FLAP3C	TS_SIN	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.003	0.003	0.003	0.002	0.001	0.000	-0.001	0.000
FLAP4C	TS_COS	-0.020	0.001	0.001	0.000	0.001	0.000	0.001	0.001	0.000	0.000	-0.003	-0.003	-0.001	0.001	0.002	0.002	0.001	0.000
FLAP4C	TS_SIN	0.000	-0.001	0.001	-0.001	0.000	0.000	0.000	0.002	0.003	0.003	0.003	0.001	0.001	0.001	0.001	0.000	0.000	-0.001
FLAP5C	TS_COS	0.061	0.000	0.000	0.000	0.001	0.000	0.001	0.000	0.000	0.000	-0.002	-0.002	0.000	0.001	0.001	-0.001	-0.001	-0.001
FLAP5C	TS_SIN	0.000	-0.001	0.000	-0.001	0.000	0.000	0.000	0.001	0.002	0.002	0.002	0.001	0.000	0.001	0.001	0.000	-0.001	0.000
RUN	POINT	Harmonics																	
52	126	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.020	0.000	0.001	0.001	0.000	-0.001	0.000	0.002	0.000	-0.001	0.000	-0.001	0.001	0.002	0.002	0.000	-0.001	-0.001
FLAP1C	TS_SIN	0.000	-0.001	0.001	0.001	0.000	0.001	-0.001	0.003	0.003	0.001	-0.002	0.000	0.000	0.002	0.002	0.003	0.001	0.000
FLAP2C	TS_COS	0.031	0.000	0.002	0.000	0.000	0.000	0.000	-0.001	-0.001	-0.004	-0.004	-0.003	0.000	0.000	0.002	0.002	0.001	-0.001
FLAP2C	TS_SIN	0.000	-0.002	0.001	0.000	0.000	0.000	-0.001	0.003	0.003	0.002	0.002	0.000	0.000	-0.001	-0.001	-0.001	-0.001	0.000
FLAP3C	TS_COS	-0.063	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	-0.002	-0.002	-0.002	0.000	0.000	0.002	0.001	0.001	0.000
FLAP3C	TS_SIN	0.000	-0.001	0.001	0.001	0.000	0.000	0.000	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.000	-0.001	0.000
FLAP4C	TS_COS	-0.022	0.000	0.002	0.000	0.000	0.000	0.001	0.000	0.000	0.000	-0.002	-0.003	0.000	0.000	0.002	0.003	0.001	-0.001
FLAP4C	TS_SIN	0.000	-0.002	0.001	0.001	0.000	0.000	0.000	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.000	-0.001	0.000
FLAP5C	TS_COS	0.057	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	-0.002	0.000	0.001	0.001	0.000	-0.001	-0.001
FLAP5C	TS SIN	0.000	-0.002	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	-0.001	-0.001

RUN	POINT	Harmonics																	
		52	127	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.020	-0.001	-0.002	0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.000	-0.001	0.001	0.002	0.001	0.000	-0.001	-0.001
FLAP1C	TS_SIN	0.000	0.000	-0.001	-0.002	0.000	0.000	0.001	0.000	0.004	0.004	0.003	0.001	-0.002	0.000	0.002	0.003	0.002	0.000
FLAP2C	TS_COS	0.034	-0.001	-0.002	0.001	0.000	0.000	-0.001	-0.001	-0.002	-0.002	-0.004	-0.004	-0.002	0.000	0.001	0.001	0.000	0.000
FLAP2C	TS_SIN	0.000	0.000	-0.002	-0.002	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.002	0.000	-0.001	-0.001	-0.001	-0.001	0.001
FLAP3C	TS_COS	-0.069	-0.001	-0.002	0.000	0.000	0.000	-0.001	-0.001	0.000	0.000	-0.002	-0.002	-0.001	0.000	0.001	0.001	0.001	0.001
FLAP3C	TS_SIN	0.000	0.001	-0.001	-0.001	0.000	0.000	0.001	-0.001	0.000	0.000	0.002	0.002	0.003	0.002	0.001	0.000	-0.001	0.000
FLAP4C	TS_COS	-0.023	0.000	-0.001	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.001	-0.002	-0.002	-0.001	0.001	0.002	0.002	0.001	0.000
FLAP4C	TS_SIN	0.000	0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000
FLAP5C	TS_COS	0.057	0.000	0.001	0.002	0.000	0.000	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	0.001	0.001	-0.001	-0.001	-0.001
FLAP5C	TS_SIN	0.000	0.000	-0.002	-0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	-0.001	0.000
RUN	POINT	Harmonics																	
52	128	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	15
FLAP1C	TS_COS	0.022	0.000	-0.002	-0.001	0.001	0.001	0.001	0.002	-0.001	-0.001	-0.001	-0.002	0.001	0.002	0.002	0.000	-0.001	-0.001
FLAP1C	TS_SIN	0.000	0.000	0.000	-0.001	-0.001	0.000	0.001	0.004	0.003	0.000	-0.003	0.000	-0.003	0.000	0.002	0.003	0.002	0.000
FLAP2C	TS_COS	0.031	0.000	-0.001	0.000	0.000	0.000	0.000	-0.001	-0.001	-0.004	-0.004	-0.002	0.000	0.000	0.002	0.002	0.001	-0.001
FLAP2C	TS_SIN	0.000	0.000	-0.001	-0.001	0.000	0.000	0.000	0.003	0.002	0.002	0.002	0.000	0.000	0.000	-0.001	-0.001	-0.001	0.000
FLAP3C	TS_COS	-0.066	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	-0.003	-0.002	-0.003	-0.002	0.000	0.001	0.002	0.002	0.001	0.001
FLAP3C	TS_SIN	0.000	0.000	-0.001	-0.001	0.000	0.000	0.000	0.001	0.002	0.002	0.002	0.002	0.003	0.002	0.001	0.000	-0.001	0.000
FLAP4C	TS_COS	-0.022	0.001	-0.001	-0.001	0.000	0.000	-0.001	-0.001	-0.001	-0.003	-0.003	-0.003	-0.001	0.001	0.002	0.002	0.001	0.000
FLAP4C	TS_SIN	0.000	0.000	-0.001	-0.001	0.000	0.000	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.000	-0.001	-0.001
FLAP5C	TS_COS	0.058	0.002	0.001	0.001	0.000	0.000	0.000	-0.001	-0.002	-0.001	-0.002	-0.001	0.001	0.001	0.001	0.000	-0.001	-0.001
FLAP5C	TS_SIN	0.000	-0.001	-0.001	-0.002	0.000	-0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	-0.001	0.000

RUN	POINT	Harmonics																	
		52	129	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.023	0.001	0.001	-0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.002	-0.001	0.002	0.003	0.002	0.000	-0.001	-0.001
FLAP1C	TS_SIN	0.000	-0.002	0.001	0.001	0.001	-0.001	0.000	0.001	0.001	0.004	0.002	-0.001	-0.002	0.000	0.002	0.003	0.001	-0.001
FLAP2C	TS_COS	0.032	0.001	0.000	-0.001	0.001	0.001	0.001	0.001	-0.001	-0.002	-0.004	-0.004	-0.002	0.000	0.002	0.001	0.000	-0.001
FLAP2C	TS_SIN	0.000	-0.002	0.002	0.000	0.001	-0.001	0.000	0.001	0.001	0.002	0.002	0.001	0.000	0.000	-0.001	-0.001	-0.001	0.000
FLAP3C	TS_COS	-0.062	0.001	0.001	-0.001	0.001	0.000	0.000	0.000	-0.001	-0.001	-0.003	-0.002	0.000	0.001	0.002	0.002	0.001	0.000
FLAP3C	TS_SIN	0.000	-0.002	0.001	0.000	0.001	-0.001	-0.001	0.000	0.000	0.001	0.002	0.001	0.002	0.002	0.001	0.000	-0.001	-0.001
FLAP4C	TS_COS	-0.020	0.001	0.001	-0.001	0.000	0.000	0.000	0.001	0.000	-0.001	-0.003	-0.002	-0.001	0.001	0.003	0.002	0.001	-0.001
FLAP4C	TS_SIN	0.000	-0.002	0.001	0.000	0.001	0.000	-0.001	0.000	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.000	-0.001	-0.001
FLAP5C	TS_COS	0.059	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	-0.001	-0.002	-0.002	0.001	0.001	0.001	0.000	-0.001	-0.001
FLAP5C	TS_SIN	0.000	-0.001	0.001	-0.001	0.000	-0.001	-0.001	0.000	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.000	-0.001	0.000
RUN	POINT	Harmonics																	
52	130	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.023	-0.001	0.003	0.001	0.001	0.001	0.001	0.002	-0.002	-0.002	0.001	0.002	0.002	0.002	0.000	-0.001	0.000	
FLAP1C	TS_SIN	0.000	0.000	-0.001	0.000	0.000	0.000	0.001	0.004	0.003	0.000	-0.003	0.000	0.002	0.002	0.002	0.001	-0.001	
FLAP2C	TS_COS	0.036	0.000	0.005	0.001	0.000	0.001	0.001	-0.001	-0.001	-0.005	-0.002	0.001	0.002	0.001	0.002	0.000	-0.001	
FLAP2C	TS_SIN	0.000	-0.001	0.000	0.000	0.001	0.001	0.001	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	-0.001	0.000	
FLAP3C	TS_COS	-0.061	0.000	0.004	0.001	0.000	0.000	0.001	0.001	-0.002	-0.002	-0.001	0.001	0.002	0.001	0.002	0.000	0.001	
FLAP3C	TS_SIN	0.000	-0.001	0.000	0.000	0.001	0.000	0.000	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.000	-0.001	
FLAP4C	TS_COS	-0.019	0.000	0.004	0.001	0.000	0.001	0.002	-0.001	-0.003	-0.004	-0.002	0.001	0.003	0.003	0.002	0.001	0.000	
FLAP4C	TS_SIN	0.000	-0.001	0.000	0.000	0.001	0.000	0.001	0.003	0.002	0.001	0.001	0.001	0.002	0.002	0.000	-0.001	-0.002	
FLAP5C	TS_COS	0.060	0.001	0.003	0.001	0.001	0.001	0.001	0.000	-0.003	-0.002	0.000	0.001	0.001	0.001	0.001	-0.001	-0.001	
FLAP5C	TS_SIN	0.000	-0.001	0.000	-0.001	0.000	0.000	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.001	0.001	0.000	-0.001	

RUN	POINT	Harmonics																	
		52	131	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.023	0.000	-0.003	0.000	0.001	0.000	0.001	0.000	-0.001	0.002	0.000	-0.001	0.001	0.001	0.001	-0.001	-0.001	0.000
FLAP1C	TS_SIN	0.000	0.001	0.000	-0.001	0.000	0.000	0.000	0.001	0.001	0.003	0.003	0.001	-0.002	0.000	0.002	0.002	0.001	0.000
FLAP2C	TS_COS	0.029	-0.001	-0.004	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	-0.003	-0.003	-0.002	0.000	0.001	0.001	0.001	0.000
FLAP2C	TS_SIN	0.000	0.002	0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.002	0.002	0.002	0.001	0.000	-0.001	-0.001	-0.001	0.001
FLAP3C	TS_COS	-0.064	-0.001	-0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.002	-0.002	0.000	0.000	0.001	0.001	0.001	0.002
FLAP3C	TS_SIN	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.001	0.001	0.000	-0.002	0.000
FLAP4C	TS_COS	-0.022	-0.001	-0.003	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	-0.002	-0.002	-0.001	0.000	0.001	0.002	0.001	0.001
FLAP4C	TS_SIN	0.000	0.002	0.000	-0.001	0.000	-0.001	0.000	0.000	0.000	0.001	0.002	0.002	0.002	0.001	0.001	0.000	-0.001	0.000
FLAP5C	TS_COS	0.058	-0.002	-0.002	0.001	0.000	0.001	0.000	-0.001	-0.001	0.000	-0.002	-0.001	0.001	0.001	0.001	-0.001	-0.001	-0.001
FLAP5C	TS_SIN	0.000	0.002	-0.001	0.000	0.001	0.000	0.001	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.000	0.000	-0.001	0.000
RUN	POINT	Harmonics																	
52	132	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	15
FLAP1C	TS_COS	0.025	0.000	0.000	0.000	0.000	0.000	0.001	0.001	-0.001	0.001	-0.001	-0.002	0.001	0.002	0.002	0.000	-0.001	-0.001
FLAP1C	TS_SIN	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.004	0.003	0.000	-0.003	0.000	0.000	0.002	0.002	0.002	0.001	0.000
FLAP2C	TS_COS	0.034	0.000	0.001	0.000	0.000	0.000	0.001	-0.001	-0.004	-0.004	-0.002	-0.002	0.000	0.002	0.002	0.001	0.000	-0.001
FLAP2C	TS_SIN	0.000	0.000	0.001	0.000	0.001	0.000	0.001	0.003	0.003	0.002	0.000	-0.002	-0.001	-0.001	-0.001	-0.001	-0.001	0.001
FLAP3C	TS_COS	-0.062	0.000	0.000	0.001	0.000	0.000	0.001	0.001	-0.002	-0.002	0.000	-0.002	0.001	0.002	0.002	0.001	0.001	0.001
FLAP3C	TS_SIN	0.000	0.001	0.000	0.000	0.001	0.000	0.000	0.001	0.003	0.002	0.003	0.002	0.002	0.001	0.000	-0.001	-0.001	0.000
FLAP4C	TS_COS	-0.020	0.000	0.000	0.000	0.001	0.000	0.002	0.000	-0.003	-0.003	-0.001	-0.003	0.001	0.001	0.002	0.002	0.001	-0.001
FLAP4C	TS_SIN	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.000	-0.001	0.000
FLAP5C	TS_COS	0.061	0.000	0.000	0.000	0.000	0.000	0.001	-0.001	-0.003	-0.002	0.000	0.001	0.001	0.001	0.001	0.000	-0.001	-0.001
FLAP5C	TS_SIN	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.002	0.002	0.000	0.002	0.000	0.001	0.000	0.000	0.000	-0.001	0.000

RUN	POINT	Harmonics																	
		52	133	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.021	0.000	-0.002	0.001	0.001	0.000	-0.001	0.001	-0.001	0.001	-0.001	-0.002	0.001	0.002	0.002	0.000	-0.001	-0.001
	FLAP1C_TS_SIN	0.000	0.000	-0.001	-0.001	0.001	0.000	0.001	0.002	0.002	0.003	0.001	-0.002	0.000	0.002	0.002	0.002	0.001	-0.001
	FLAP2C_TS_COS	0.031	0.000	-0.002	0.001	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.004	-0.004	-0.003	0.000	0.003	0.002	0.001	-0.001
	FLAP2C_TS_SIN	0.000	0.001	-0.001	0.000	0.001	0.000	0.001	0.002	0.001	0.002	0.002	0.002	0.000	-0.001	-0.001	-0.001	-0.001	0.000
	FLAP3C_TS_COS	-0.063	0.000	-0.002	0.000	0.000	0.000	0.000	-0.001	-0.001	0.000	-0.002	-0.002	-0.001	0.000	0.002	0.002	0.001	0.001
	FLAP3C_TS_SIN	0.000	0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.003	0.002	0.000	0.000	-0.001	0.000
	FLAP4C_TS_COS	-0.021	-0.001	-0.002	0.001	0.001	0.000	0.001	0.000	0.000	0.000	-0.003	-0.003	-0.002	0.000	0.002	0.002	0.001	-0.001
	FLAP4C_TS_SIN	0.000	0.001	0.000	-0.001	0.001	0.000	0.001	0.002	0.002	0.000	0.002	0.002	0.002	0.001	0.000	-0.001	-0.001	0.000
	FLAP5C_TS_COS	0.058	0.000	-0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	-0.002	-0.002	0.000	0.001	0.001	0.000	-0.001	-0.001
	FLAP5C_TS_SIN	0.000	0.000	-0.001	0.000	0.001	0.000	0.001	0.000	-0.001	0.000	0.000	0.000	0.001	0.001	0.001	0.000	-0.002	-0.001
RUN	POINT	Harmonics																	
52	134	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
	FLAP1C_TS_COS	0.017	0.000	0.001	0.001	-0.001	-0.002	-0.001	0.003	0.001	-0.001	0.000	0.001	0.002	0.002	0.000	-0.001	-0.001	
	FLAP1C_TS_SIN	0.000	0.001	-0.001	0.000	0.002	0.000	-0.001	0.002	0.003	0.002	-0.001	0.000	0.001	0.002	0.002	0.001	0.000	
	FLAP2C_TS_COS	0.028	0.000	0.001	-0.001	-0.001	-0.001	0.000	0.000	-0.003	0.000	-0.004	-0.003	-0.001	0.001	0.001	0.001	0.000	
	FLAP2C_TS_SIN	0.000	0.002	0.000	0.001	0.001	-0.001	-0.001	0.002	0.003	0.003	0.003	0.001	-0.001	-0.002	-0.002	-0.001	0.001	
	FLAP3C_TS_COS	-0.066	-0.001	0.000	0.000	0.000	0.000	-0.001	0.000	-0.001	-0.002	-0.002	-0.001	0.000	0.001	0.001	0.001	0.002	
	FLAP3C_TS_SIN	0.000	0.001	-0.001	0.000	0.002	0.000	-0.001	0.000	0.002	0.000	0.002	0.003	0.002	0.000	-0.001	-0.001	0.000	
	FLAP4C_TS_COS	-0.025	-0.001	0.001	0.000	-0.001	-0.001	0.000	0.001	-0.001	0.000	-0.002	-0.002	-0.001	0.001	0.002	0.002	0.000	
	FLAP4C_TS_SIN	0.000	0.002	-0.001	0.000	0.001	-0.001	-0.001	0.001	0.002	0.003	0.002	0.002	0.001	0.000	-0.001	-0.001	0.000	
	FLAP5C_TS_COS	0.056	-0.002	0.001	0.000	-0.001	-0.002	-0.001	0.000	-0.001	0.000	0.000	0.000	0.001	0.001	0.000	0.000	-0.001	
	FLAP5C TS SIN	0.000	0.000	0.000	0.001	0.001	-0.001	-0.002	0.000	0.001	0.001	-0.002	0.001	0.001	0.000	-0.001	-0.001	0.000	

RUN	POINT	Harmonics																	
		52	135	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.021	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.001	-0.002	0.001	0.002	0.001	0.000	-0.001	0.000
FLAP1C	TS_SIN	0.000	-0.001	0.000	-0.001	0.000	0.000	0.000	0.001	0.001	0.004	0.003	0.000	-0.002	0.000	0.002	0.002	0.001	0.000
FLAP2C	TS_COS	0.034	-0.001	0.002	0.001	0.000	0.001	0.001	0.000	0.000	-0.001	-0.004	-0.004	-0.002	0.000	0.001	0.001	0.000	0.000
FLAP2C	TS_SIN	0.000	-0.001	0.000	-0.001	0.000	0.001	0.001	0.001	0.001	0.003	0.003	0.001	-0.001	-0.001	-0.001	-0.001	0.000	0.001
FLAP3C	TS_COS	-0.062	0.000	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.000	-0.002	-0.002	0.000	0.001	0.001	0.001	0.001	0.001
FLAP3C	TS_SIN	0.000	-0.001	0.000	-0.001	0.000	0.000	0.000	0.001	0.002	0.002	0.002	0.001	0.002	0.002	0.001	0.000	-0.002	-0.001
FLAP4C	TS_COS	-0.019	0.000	0.002	0.000	0.001	0.001	0.001	0.000	0.000	-0.001	-0.003	-0.002	-0.001	0.001	0.002	0.002	0.001	0.000
FLAP4C	TS_SIN	0.000	-0.001	0.000	-0.001	0.000	-0.001	-0.001	0.000	0.001	0.002	0.003	0.001	0.002	0.002	0.002	0.000	0.000	-0.001
FLAP5C	TS_COS	0.059	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.000	-0.001	-0.002	-0.001	0.001	0.001	0.001	-0.001	-0.001	-0.001
FLAP5C	TS_SIN	0.000	-0.002	-0.001	-0.001	0.000	0.000	0.000	0.000	0.001	0.002	0.002	0.001	0.001	0.001	0.000	0.000	-0.001	0.000
RUN	POINT	Harmonics																	
52	136	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.022	0.001	0.000	-0.001	0.000	0.001	0.001	0.002	-0.001	-0.001	0.000	0.000	0.002	0.002	0.000	-0.001	-0.001	
FLAP1C	TS_SIN	0.000	-0.001	0.000	0.001	-0.001	0.000	0.000	0.003	0.003	0.003	-0.004	-0.004	0.000	0.002	0.002	0.001	0.000	
FLAP2C	TS_COS	0.032	0.000	0.000	-0.001	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.004	-0.003	0.000	0.002	0.002	0.001	-0.001	
FLAP2C	TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.002	0.002	0.000	0.000	-0.001	-0.001	-0.001	0.000	
FLAP3C	TS_COS	-0.063	0.000	0.000	-0.001	0.000	0.001	0.000	0.000	-0.002	-0.002	-0.002	-0.001	0.000	0.002	0.002	0.001	0.001	
FLAP3C	TS_SIN	0.000	0.000	0.000	0.000	-0.001	0.000	0.000	0.001	0.002	0.002	0.002	0.003	0.002	0.001	0.000	-0.001	0.000	
FLAP4C	TS_COS	-0.021	0.001	0.000	-0.001	0.000	0.001	0.001	0.000	0.000	0.000	-0.003	-0.003	0.001	0.003	0.003	0.002	0.000	
FLAP4C	TS_SIN	0.000	0.000	0.001	0.000	-0.001	0.000	-0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	-0.001	0.000	
FLAP5C	TS_COS	0.059	0.002	0.000	0.000	0.000	0.001	0.001	0.000	-0.002	-0.002	0.000	0.000	0.001	0.001	0.001	-0.001	-0.001	
FLAP5C	TS_SIN	0.000	0.000	0.000	-0.001	0.000	0.000	-0.001	0.001	0.000	0.001	0.001	0.000	0.001	0.000	0.000	-0.001	0.000	

RUN	POINT	Harmonics																
		54	11	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
FLAP1C	TS_COS	0.042	0.002	-0.001	-0.001	0.001	0.001	0.000	0.002	-0.002	-0.003	-0.001	0.001	0.002	0.000	-0.001	0.001	0.000
FLAP1C	TS_SIN	0.000	0.000	0.001	0.000	0.001	-0.001	0.001	0.001	0.003	0.000	-0.001	-0.002	0.001	0.001	-0.001	0.000	0.001
FLAP2C	TS_COS	0.054	0.000	-0.002	-0.001	0.001	0.001	0.000	0.000	0.002	-0.003	-0.004	0.002	0.001	0.000	-0.001	0.000	0.001
FLAP2C	TS_SIN	0.000	-0.001	0.001	-0.001	-0.002	0.001	0.004	-0.002	0.001	0.004	-0.002	-0.002	0.001	0.000	0.000	-0.001	0.001
FLAP3C	TS_COS	-0.044	0.001	-0.001	0.000	0.000	0.000	0.001	-0.001	-0.002	0.001	0.000	-0.002	0.001	0.001	-0.001	0.000	0.001
FLAP3C	TS_SIN	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.001	-0.001	0.000	0.003	-0.001	-0.002	0.001	0.000	0.000	0.001
FLAP4C	TS_COS	0.000	0.001	-0.001	-0.001	0.000	0.000	0.000	0.002	0.005	-0.005	-0.004	0.002	0.002	0.000	-0.003	0.002	0.002
FLAP4C	TS_SIN	0.000	0.000	0.001	0.000	0.000	0.000	0.000	-0.005	0.004	0.006	-0.003	-0.002	0.000	0.002	0.000	-0.003	0.002
FLAP5C	TS_COS	0.082	0.002	-0.001	-0.001	0.000	0.000	0.000	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FLAP5C	TS_SIN	0.000	0.000	0.001	-0.001	0.000	0.000	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RUN	POINT	Harmonics																
54	13	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15
FLAP1C	TS_COS	2.028	-0.001	-0.001	0.001	0.000	-0.001	0.005	-0.005	-0.003	-0.003	0.000	0.002	0.001	-0.001	0.001	0.000	0.000
FLAP1C	TS_SIN	0.000	0.002	-0.001	0.000	0.000	0.000	0.001	0.005	-0.002	-0.001	-0.003	0.000	0.001	0.000	-0.001	0.001	0.001
FLAP2C	TS_COS	2.038	0.000	0.000	0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	-0.003	0.001	0.000	-0.002	0.001	0.001	0.001
FLAP2C	TS_SIN	0.000	0.002	-0.001	0.000	0.000	0.000	-0.003	0.000	-0.001	0.003	0.000	-0.001	0.001	0.001	-0.001	-0.002	0.001
FLAP3C	TS_COS	1.941	-0.001	-0.001	0.001	-0.001	0.000	0.000	-0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FLAP3C	TS_SIN	0.000	0.001	-0.001	0.000	0.000	0.000	0.002	-0.001	-0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
FLAP4C	TS_COS	1.990	0.000	-0.001	0.001	0.000	0.000	0.000	0.001	0.000	0.000	-0.003	-0.004	0.002	0.000	-0.001	0.002	0.001
FLAP4C	TS_SIN	0.000	0.002	-0.001	0.000	0.000	0.000	-0.006	0.001	0.003	0.000	0.004	-0.002	-0.002	0.001	-0.001	-0.001	0.002
FLAP5C	TS_COS	2.074	-0.001	0.000	0.000	0.000	0.000	-0.001	-0.001	0.000	0.000	0.000	-0.001	0.000	0.000	0.000	0.000	0.000
FLAP5C	TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000

RUN	POINT	Harmonics																	
		54	16	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS		-1.958	0.000	-0.001	-0.001	-0.001	0.001	0.002	0.002	0.000	-0.002	-0.002	0.001	0.002	0.000	-0.001	0.000	0.000
	FLAP1C_TS_SIN		0.000	-0.002	0.001	-0.001	-0.001	-0.001	0.001	0.001	0.001	0.002	0.000	-0.002	0.000	0.001	0.000	0.000	0.001
	FLAP2C_TS_COS		-1.949	0.000	0.000	-0.001	-0.001	0.001	0.001	-0.002	0.002	0.000	-0.002	0.001	0.001	0.000	0.000	-0.001	0.001
	FLAP2C_TS_SIN		0.000	-0.002	0.002	-0.001	-0.001	0.000	0.000	-0.001	-0.002	0.003	0.001	-0.001	0.000	0.000	0.000	-0.001	0.000
	FLAP3C_TS_COS		-2.038	0.001	-0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	-0.001	0.001	0.000	0.000	0.000	0.000
	FLAP3C_TS_SIN		0.000	0.000	0.000	-0.001	-0.001	0.000	0.000	0.000	0.000	0.002	0.001	-0.001	0.000	0.000	0.000	0.000	0.000
	FLAP4C_TS_COS		-2.009	0.002	-0.001	-0.001	-0.001	0.001	0.001	0.000	-0.002	0.001	-0.001	0.000	0.001	0.000	0.000	0.000	0.000
	FLAP4C_TS_SIN		0.000	-0.002	0.002	-0.002	-0.001	-0.001	0.000	0.003	-0.001	0.001	0.001	-0.001	0.000	0.000	0.000	0.000	0.000
	FLAP5C_TS_COS		-1.923	-0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	FLAP5C_TS_SIN		0.000	0.001	-0.002	0.000	0.001	0.001	0.000	-0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
RUN	POINT	Harmonics																	
54	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
	FLAP1C_TS_COS		0.042	-0.002	0.000	0.000	0.003	0.000	0.002	0.002	-0.003	-0.004	-0.002	0.001	0.002	0.000	-0.001	0.001	0.000
	FLAP1C_TS_SIN		0.000	0.003	-0.003	-0.003	0.000	0.002	0.001	0.001	0.003	0.000	-0.002	-0.002	0.000	0.001	-0.001	0.000	0.001
	FLAP2C_TS_COS		0.054	-0.001	-0.001	-0.001	0.003	-0.001	0.001	0.001	0.001	-0.002	-0.004	0.002	0.002	-0.001	0.000	0.000	0.001
	FLAP2C_TS_SIN		0.000	0.005	-0.004	-0.004	0.000	0.002	0.000	-0.001	0.000	0.004	-0.001	-0.003	0.002	0.000	0.000	-0.001	0.000
	FLAP3C_TS_COS		-0.041	-0.002	0.000	0.002	0.000	0.000	0.000	-0.001	-0.002	0.001	-0.001	-0.001	0.001	0.001	-0.001	0.000	0.000
	FLAP3C_TS_SIN		0.000	0.002	-0.002	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.002	-0.001	-0.002	0.001	0.000	-0.001	0.001
	FLAP4C_TS_COS		-0.001	0.000	-0.002	0.004	0.000	0.000	0.001	0.001	0.005	-0.003	-0.003	0.002	0.002	0.000	-0.002	0.001	0.002
	FLAP4C_TS_SIN		0.000	0.005	-0.003	-0.001	0.003	0.000	-0.003	0.002	0.002	0.007	-0.002	-0.003	0.001	0.001	0.000	-0.003	0.002
	FLAP5C_TS_COS		0.084	-0.002	0.002	0.001	0.000	0.000	0.000	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	FLAP5C_TS_SIN		0.000	-0.001	-0.001	0.001	0.001	0.001	0.000	-0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001

RUN	POINT	Harmonics																		
		54	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
FLAP1C	TS_COS	0.043	0.017	0.000	-0.001	0.000	0.001	-0.004	-0.005	-0.006	-0.003	0.005	-0.003	0.005	0.000	0.001	-0.002	-0.002		
FLAP1C	TS_SIN	0.000	0.995	0.002	0.000	0.000	0.001	0.014	0.018	0.005	0.009	-0.001	-0.007	-0.001	-0.001	-0.002	0.004	0.001		
FLAP2C	TS_COS	0.052	0.018	0.001	-0.001	0.001	0.000	-0.002	-0.007	0.005	-0.009	0.001	0.001	0.001	0.004	0.003	-0.003	0.001		
FLAP2C	TS_SIN	0.000	0.994	0.001	0.000	0.000	0.001	0.003	0.002	0.000	0.009	-0.005	0.002	0.002	-0.004	0.003	0.000	0.002		
FLAP3C	TS_COS	-0.044	0.018	0.001	-0.001	0.000	0.000	-0.004	-0.010	-0.002	-0.001	-0.007	0.000	0.000	0.002	0.000	0.002	-0.003		
FLAP3C	TS_SIN	0.000	0.991	0.002	0.001	0.000	0.001	0.012	0.017	-0.002	0.010	-0.005	-0.003	-0.003	-0.004	-0.003	0.002	0.004		
FLAP4C	TS_COS	-0.002	0.019	0.002	-0.001	-0.001	0.000	0.001	0.004	0.006	-0.007	-0.003	-0.002	-0.002	0.006	-0.001	0.002	0.001		
FLAP4C	TS_SIN	0.000	0.996	0.002	0.002	0.000	0.002	0.013	-0.004	0.013	0.007	-0.003	0.001	0.001	-0.002	0.001	-0.002	0.006		
FLAP5C	TS_COS	0.082	0.018	0.001	0.000	0.000	0.001	-0.009	-0.010	-0.001	0.000	-0.001	0.002	0.002	0.003	-0.002	0.000	0.000		
FLAP5C	TS_SIN	0.000	0.996	0.002	0.001	0.000	0.001	0.014	0.015	0.000	0.008	-0.005	0.000	0.000	-0.002	0.000	-0.002	0.004		
RUN	POINT	Harmonics																		
54	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15		
FLAP1C	TS_COS	0.039	0.003	0.005	0.001	0.001	-0.001	0.018	-0.007	-0.003	-0.005	0.007	0.010	0.004	0.000	0.003	-0.005	-0.005		
FLAP1C	TS_SIN	0.000	-1.989	0.000	0.001	0.001	0.002	0.010	-0.016	0.007	-0.002	-0.005	-0.001	0.005	0.003	0.000	0.003	0.003		
FLAP2C	TS_COS	0.050	0.003	0.004	0.000	0.001	-0.001	0.022	-0.006	0.000	-0.004	0.003	0.001	0.002	-0.001	0.003	0.003	0.003		
FLAP2C	TS_SIN	0.000	-1.989	0.000	0.000	-0.001	0.000	0.019	-0.006	0.007	0.004	-0.002	-0.005	0.005	0.003	-0.002	0.004	0.004		
FLAP3C	TS_COS	-0.045	0.004	0.004	-0.001	0.000	-0.001	0.020	-0.003	-0.006	-0.005	-0.006	0.006	0.003	0.001	0.004	-0.005	-0.005		
FLAP3C	TS_SIN	0.000	-1.984	0.001	0.001	-0.001	0.000	0.004	-0.025	0.008	0.002	-0.004	-0.001	0.000	0.002	0.000	0.000	0.003		
FLAP4C	TS_COS	-0.003	0.002	0.004	0.000	0.001	-0.002	0.032	-0.017	0.005	0.001	-0.003	0.009	-0.005	0.000	0.004	-0.002	-0.002		
FLAP4C	TS_SIN	0.000	-1.995	0.000	0.001	0.000	0.001	0.029	-0.007	0.013	-0.002	0.000	-0.005	0.005	0.004	0.004	0.004	0.004		
FLAP5C	TS_COS	0.079	0.003	0.005	0.000	-0.001	0.000	0.004	-0.007	-0.001	-0.004	0.010	0.001	0.005	-0.002	-0.003	-0.003	-0.003		
FLAP5C	TS_SIN	0.000	-1.995	-0.001	0.003	-0.001	0.001	0.014	-0.032	0.011	0.006	0.000	0.002	0.002	0.003	-0.002	-0.002	0.001		

RUN	POINT	Harmonics																	
		54	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.042	-0.003	-0.002	0.003	0.000	0.002	-0.002	-0.004	-0.002	0.000	0.002	0.000	0.001	0.002	0.000	-0.001	0.001	0.000
FLAP1C	TS_SIN	0.000	0.003	-0.003	0.001	0.002	0.000	0.001	0.000	0.003	0.000	0.000	-0.002	-0.002	0.000	0.001	-0.001	0.000	0.001
FLAP2C	TS_COS	0.054	-0.002	-0.001	0.003	-0.001	0.000	0.001	-0.003	0.003	-0.003	-0.004	0.002	0.001	0.000	0.000	-0.001	0.000	0.001
FLAP2C	TS_SIN	0.000	0.004	-0.003	0.000	0.002	-0.001	-0.003	0.001	0.001	0.004	0.004	-0.002	0.001	0.000	0.000	0.000	-0.001	0.000
FLAP3C	TS_COS	-0.041	-0.002	0.000	0.001	-0.001	0.000	0.000	0.001	-0.002	0.001	0.001	-0.001	0.002	0.001	0.000	-0.001	0.000	0.001
FLAP3C	TS_SIN	0.000	0.001	-0.001	0.001	0.001	0.000	0.000	0.001	0.000	0.000	0.001	0.002	-0.002	0.001	0.000	-0.001	0.001	0.001
FLAP4C	TS_COS	-0.001	-0.002	-0.002	0.003	0.000	0.000	0.001	-0.003	0.004	0.004	-0.003	-0.005	0.002	0.002	0.001	-0.002	0.001	0.002
FLAP4C	TS_SIN	0.000	0.004	-0.002	0.000	0.002	0.000	-0.004	0.002	0.002	0.007	-0.002	-0.002	-0.003	0.000	0.001	0.000	-0.003	0.002
FLAP5C	TS_COS	0.084	-0.002	0.000	0.001	-0.001	0.000	-0.001	-0.001	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FLAP5C	TS_SIN	0.000	0.000	-0.001	0.001	0.001	0.001	-0.001	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RUN	POINT	Harmonics																	
54	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.042	0.994	-0.002	-0.001	0.000	0.002	0.007	-0.014	-0.012	-0.007	0.003	0.005	-0.002	-0.001	0.002	0.000	0.000	
FLAP1C	TS_SIN	0.000	-0.013	0.000	0.000	-0.003	0.001	0.002	0.010	0.007	0.000	-0.005	0.000	-0.001	-0.003	-0.001	0.001	0.001	
FLAP2C	TS_COS	0.053	0.995	-0.002	-0.002	0.000	0.002	-0.007	-0.013	-0.002	-0.002	0.009	-0.001	-0.005	0.000	0.000	0.002	0.002	
FLAP2C	TS_SIN	0.000	-0.011	0.002	0.000	-0.002	0.001	-0.002	-0.003	0.001	0.009	0.002	0.003	-0.001	-0.004	-0.002	-0.001	-0.001	
FLAP3C	TS_COS	-0.043	0.993	-0.001	-0.001	0.000	0.001	0.000	-0.008	-0.004	-0.005	-0.002	0.002	0.001	-0.002	0.001	0.001	-0.001	
FLAP3C	TS_SIN	0.000	-0.011	0.001	0.000	-0.001	-0.001	0.000	0.004	0.007	0.003	-0.005	-0.002	-0.002	-0.002	0.000	0.000	0.002	
FLAP4C	TS_COS	0.000	0.997	-0.001	0.000	0.000	0.001	-0.003	-0.006	0.002	-0.007	0.004	0.000	-0.002	-0.002	-0.001	-0.001	0.002	
FLAP4C	TS_SIN	0.000	-0.012	0.001	0.000	-0.002	0.000	-0.002	-0.002	0.010	0.006	-0.004	0.003	-0.002	-0.001	-0.002	-0.002	0.001	
FLAP5C	TS_COS	0.083	0.997	-0.002	0.000	0.000	0.001	-0.003	-0.020	-0.005	-0.003	0.002	0.004	0.003	-0.001	0.000	0.000	-0.001	
FLAP5C	TS SIN	0.000	-0.012	0.000	-0.001	-0.002	0.001	0.000	0.007	0.003	0.002	-0.003	-0.005	-0.001	-0.001	0.001	0.001	0.003	

RUN	POINT	Harmonics																	
		54	27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.045	1.987	-0.009	0.000	0.001	0.001	0.001	0.010	-0.016	-0.010	-0.011	0.000	0.005	-0.004	-0.001	0.000	-0.002	
FLAP1C	TS_SIN	0.000	-0.039	-0.003	-0.001	0.000	-0.001	0.000	-0.011	0.013	0.015	0.004	-0.001	-0.001	-0.002	-0.001	-0.003	-0.001	
FLAP2C	TS_COS	0.055	1.989	-0.008	0.002	-0.001	0.000	-0.002	0.002	-0.020	-0.014	-0.008	0.005	0.008	0.001	0.002	0.002	-0.003	
FLAP2C	TS_SIN	0.000	-0.038	-0.002	0.000	0.000	-0.002	0.000	0.002	0.005	0.009	0.002	-0.006	0.002	-0.001	0.001	0.000	0.002	
FLAP3C	TS_COS	-0.042	1.984	-0.006	0.001	0.001	0.001	-0.001	-0.009	-0.019	-0.003	-0.009	-0.002	0.008	0.000	-0.003	0.001	0.000	
FLAP3C	TS_SIN	0.000	-0.038	-0.001	-0.002	0.000	0.000	0.000	-0.001	0.007	0.006	0.002	-0.004	-0.003	0.000	0.002	-0.002	0.002	
FLAP4C	TS_COS	0.000	1.992	-0.007	0.001	-0.001	0.000	0.000	0.003	-0.021	-0.005	-0.003	-0.001	0.012	0.001	-0.005	-0.002	-0.004	
FLAP4C	TS_SIN	0.000	-0.041	-0.004	-0.002	0.000	0.000	0.000	0.004	0.000	0.004	0.003	-0.008	0.006	0.003	0.002	-0.001	-0.002	
FLAP5C	TS_COS	0.084	1.991	-0.008	0.001	0.000	0.001	0.000	0.004	-0.028	-0.005	-0.014	0.000	0.007	0.002	0.000	-0.001	-0.002	
FLAP5C	TS_SIN	0.000	-0.040	-0.004	-0.001	0.000	0.000	-0.001	-0.009	0.020	0.012	-0.001	-0.006	-0.006	0.001	-0.001	-0.002	0.002	
RUN	POINT	Harmonics																	
54	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.043	-0.994	-0.001	0.001	0.000	0.001	0.008	0.002	-0.010	0.004	0.003	0.006	0.000	0.000	-0.002	0.001	-0.003	
FLAP1C	TS_SIN	0.000	0.006	0.000	-0.001	0.000	0.000	0.000	0.006	0.001	0.003	-0.008	-0.004	0.004	0.004	-0.004	0.001	0.002	
FLAP2C	TS_COS	0.052	-0.993	-0.002	0.003	0.000	-0.001	0.001	-0.008	-0.003	0.000	0.007	0.002	-0.002	0.004	0.004	-0.001	0.000	
FLAP2C	TS_SIN	0.000	0.006	0.000	-0.001	0.001	0.000	0.008	-0.006	-0.001	0.004	0.001	-0.002	-0.002	0.001	0.001	0.001	0.000	
FLAP3C	TS_COS	-0.043	-0.992	0.000	0.001	0.000	0.000	0.002	0.003	0.002	0.001	-0.003	0.001	0.005	0.000	0.000	0.000	0.000	
FLAP3C	TS_SIN	0.000	0.006	0.000	0.000	0.000	0.000	0.001	-0.001	-0.001	0.009	-0.004	-0.009	0.001	0.001	-0.001	-0.001	0.003	
FLAP4C	TS_COS	0.001	-0.997	-0.002	0.002	0.000	0.000	0.001	0.007	-0.008	-0.003	0.006	0.002	0.002	0.002	-0.002	0.000	0.004	
FLAP4C	TS_SIN	0.000	0.007	0.000	0.000	0.001	0.001	-0.001	0.001	0.011	0.011	-0.005	-0.006	-0.001	0.000	-0.001	-0.003	0.004	
FLAP5C	TS_COS	0.084	-0.996	-0.002	0.001	0.001	0.001	-0.009	0.006	-0.001	0.004	0.005	0.001	0.003	0.000	0.000	-0.001	0.000	
FLAP5C	TS_SIN	0.000	0.007	0.001	-0.001	0.000	0.001	0.002	-0.005	0.003	0.003	-0.003	-0.004	-0.004	0.001	0.001	-0.002	0.003	

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.042	-1.991	-0.006	0.000	0.000	0.001	0.009	0.012	-0.012	0.006	0.003	0.008	0.003	-0.001	0.002	-0.005
FLAP1C	TS_SIN	0.000	-0.010	-0.003	-0.001	-0.002	-0.001	0.002	0.007	0.005	0.008	-0.014	-0.008	0.005	-0.004	0.003	0.004
FLAP2C	TS_COS	0.047	-1.978	-0.009	0.002	-0.001	0.000	0.005	0.001	-0.006	-0.002	0.014	-0.001	0.000	0.007	-0.003	0.001
FLAP2C	TS_SIN	0.000	-0.008	-0.002	-0.004	0.001	0.001	0.016	-0.002	-0.001	0.008	0.000	-0.009	-0.007	0.004	-0.002	0.000
FLAP3C	TS_COS	-0.042	-1.987	-0.006	0.001	-0.002	0.001	0.006	0.013	0.002	0.002	-0.002	0.003	0.007	0.000	-0.002	-0.001
FLAP3C	TS_SIN	0.000	-0.008	-0.004	-0.001	0.001	-0.001	0.010	-0.002	0.000	0.015	-0.011	-0.009	0.002	0.000	-0.001	0.003
FLAP4C	TS_COS	0.000	-1.994	-0.010	0.001	0.001	0.001	0.005	0.015	-0.009	-0.006	0.008	0.001	0.003	0.003	0.001	0.003
FLAP4C	TS_SIN	0.000	-0.008	-0.002	-0.003	-0.001	0.001	0.006	0.008	0.013	-0.003	-0.009	-0.005	-0.001	-0.005	-0.002	0.008
FLAP5C	TS_COS	0.083	-1.995	-0.007	0.000	0.000	0.002	-0.005	0.022	-0.002	0.005	0.008	0.004	0.005	0.001	-0.003	-0.001
FLAP5C	TS_SIN	0.000	-0.009	-0.002	-0.001	0.000	-0.002	0.006	-0.006	0.005	0.008	-0.009	-0.006	0.001	0.001	-0.002	0.004
RUN	POINT	Harmonics															
54	33	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.028	0.007	-0.003	-0.007	-0.002	-0.003	0.000	0.000	-0.003	-0.001	0.001	0.003	0.000	-0.001	0.001	0.000
FLAP1C	TS_SIN	0.000	0.008	0.004	-0.002	-0.001	0.002	-0.003	0.003	0.000	-0.001	-0.002	0.000	0.002	-0.001	-0.001	0.000
FLAP2C	TS_COS	0.054	0.003	-0.008	-0.008	-0.002	-0.003	-0.001	0.004	-0.001	-0.004	0.001	0.002	0.001	0.000	0.000	0.001
FLAP2C	TS_SIN	0.000	0.003	-0.001	-0.004	-0.002	0.004	-0.004	0.000	0.005	-0.001	-0.002	0.001	0.000	0.000	-0.001	0.000
FLAP3C	TS_COS	-0.048	0.006	-0.008	-0.005	-0.005	-0.001	0.001	0.000	0.001	-0.001	-0.002	0.001	0.001	-0.001	0.000	0.001
FLAP3C	TS_SIN	0.000	0.005	-0.003	-0.005	0.000	0.001	0.000	0.001	0.000	0.002	-0.001	-0.002	0.001	0.000	-0.001	0.000
FLAP4C	TS_COS	-0.005	0.004	-0.007	-0.008	-0.004	-0.001	-0.002	0.006	-0.002	-0.005	0.002	0.003	0.000	-0.003	0.001	0.003
FLAP4C	TS_SIN	0.000	0.006	-0.002	-0.002	-0.002	0.004	-0.003	0.001	0.007	-0.002	-0.003	0.000	0.002	0.000	-0.003	0.002
FLAP5C	TS_COS	0.081	0.009	-0.007	-0.005	-0.003	-0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000
FLAP5C	TS_SIN	0.000	0.004	-0.002	-0.005	0.000	0.002	-0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
54	34																
	FLAP1C_TS_COS	0.040	0.000	0.004	-0.684	0.003	0.760	-0.003	-0.018	-0.031	-0.026	0.005	-0.009	-0.003	0.033	0.017	-0.009
	FLAP1C_TS_SIN	0.000	-0.004	0.003	-0.100	0.000	0.234	-0.003	0.016	0.006	-0.010	-0.017	-0.012	0.020	0.053	-0.008	-0.022
	FLAP2C_TS_COS	0.048	0.001	0.004	-0.685	-0.002	0.762	-0.001	-0.036	-0.021	-0.017	-0.005	-0.006	-0.006	0.015	0.011	0.009
	FLAP2C_TS_SIN	0.000	-0.005	0.002	-0.099	-0.001	0.234	0.002	-0.014	-0.002	-0.006	0.000	-0.022	0.019	0.059	-0.011	-0.031
	FLAP3C_TS_COS	-0.047	0.001	0.004	-0.684	-0.001	0.759	-0.001	-0.013	-0.029	-0.026	-0.007	-0.010	-0.008	0.040	0.013	-0.003
	FLAP3C_TS_SIN	0.000	-0.004	0.002	-0.103	-0.003	0.234	0.003	0.013	0.013	-0.015	-0.013	-0.007	0.017	0.044	-0.011	-0.026
	FLAP4C_TS_COS	-0.004	0.001	0.006	-0.685	-0.001	0.763	0.002	-0.041	-0.026	0.002	-0.024	0.001	0.005	0.002	0.014	0.011
	FLAP4C_TS_SIN	0.000	-0.005	0.001	-0.100	-0.001	0.235	0.002	-0.006	0.001	-0.015	-0.009	-0.031	0.022	0.061	-0.011	-0.026
	FLAP5C_TS_COS	0.079	0.001	0.005	-0.687	-0.002	0.762	-0.003	-0.022	-0.030	-0.006	0.000	-0.031	-0.009	0.051	0.018	-0.013
	FLAP5C_TS_SIN	0.000	-0.004	0.004	-0.100	-0.004	0.235	-0.002	0.021	0.001	-0.007	-0.006	-0.011	0.018	0.048	-0.010	-0.028
RUN	POINT	Harmonics															
54	35																
	FLAP1C_TS_COS	0.029	0.006	-0.004	-0.011	-0.003	-0.006	0.000	0.000	-0.002	-0.001	0.001	0.003	0.000	-0.001	0.001	0.000
	FLAP1C_TS_SIN	0.000	-0.007	0.006	-0.003	0.001	0.002	-0.004	0.002	0.000	0.000	-0.001	0.000	0.001	-0.001	-0.001	0.000
	FLAP2C_TS_COS	0.044	0.006	-0.006	-0.013	-0.005	-0.003	0.000	0.002	-0.002	-0.003	0.003	0.001	0.000	0.001	0.000	0.001
	FLAP2C_TS_SIN	0.000	-0.002	0.002	-0.003	-0.003	0.002	-0.002	0.001	0.003	-0.001	-0.001	0.002	0.000	0.000	0.000	0.000
	FLAP3C_TS_COS	-0.046	0.010	-0.008	-0.006	-0.006	-0.002	0.001	0.001	0.001	-0.001	-0.002	0.002	0.001	-0.001	0.000	0.001
	FLAP3C_TS_SIN	0.000	0.003	-0.001	-0.005	0.000	0.001	-0.001	0.000	0.001	0.002	-0.001	-0.002	0.001	0.000	-0.001	0.001
	FLAP4C_TS_COS	-0.011	0.005	-0.004	-0.014	-0.005	-0.002	-0.001	0.006	-0.004	-0.004	0.002	0.002	0.000	-0.002	0.001	0.002
	FLAP4C_TS_SIN	0.000	-0.003	0.004	-0.001	-0.004	0.003	-0.004	0.003	0.006	-0.003	-0.002	0.000	0.001	-0.001	-0.003	0.002
	FLAP5C_TS_COS	0.079	0.011	-0.008	-0.009	-0.005	-0.003	0.000	0.000	-0.001	0.000	0.000	0.001	0.000	0.000	0.000	0.000
	FLAP5C_TS_SIN	0.000	0.001	0.001	-0.004	0.000	0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
54	36																
	FLAP1C_TS_COS	0.045	-0.004	-0.009	0.001	0.031	0.003	-0.001	-0.022	-0.018	-0.016	0.005	-0.011	-0.009	0.005	0.000	-0.003
	FLAP1C_TS_SIN	0.000	0.002	0.000	-0.003	0.990	-0.004	0.001	-0.017	0.020	0.027	-0.013	-0.001	0.083	-0.003	-0.007	0.000
	FLAP2C_TS_COS	0.056	-0.004	-0.008	-0.001	0.029	0.002	0.000	-0.050	-0.023	-0.014	0.004	-0.013	-0.023	0.008	0.006	0.001
	FLAP2C_TS_SIN	0.000	0.000	-0.001	-0.002	0.992	-0.003	-0.001	-0.026	-0.001	0.025	0.001	-0.016	0.068	-0.003	-0.003	0.002
	FLAP3C_TS_COS	-0.041	-0.001	-0.006	-0.001	0.030	0.002	-0.001	-0.024	-0.030	-0.011	-0.005	-0.007	0.003	0.005	0.004	-0.004
	FLAP3C_TS_SIN	0.000	0.001	-0.001	-0.003	0.987	-0.001	0.000	-0.009	0.004	0.022	-0.016	-0.010	0.087	-0.001	-0.001	0.004
	FLAP4C_TS_COS	0.003	-0.003	-0.008	0.000	0.031	0.002	-0.001	-0.035	-0.030	-0.013	-0.004	-0.015	-0.023	0.012	0.009	-0.003
	FLAP4C_TS_SIN	0.000	0.003	-0.002	-0.006	0.994	-0.003	-0.002	-0.024	0.011	0.013	0.001	-0.021	0.063	0.003	0.001	0.009
	FLAP5C_TS_COS	0.084	-0.002	-0.007	-0.001	0.032	0.006	-0.002	-0.029	-0.026	-0.013	-0.001	-0.014	0.001	0.010	0.006	-0.006
	FLAP5C_TS_SIN	0.000	0.000	0.000	-0.004	0.990	-0.002	-0.001	-0.019	0.019	0.022	-0.008	-0.009	0.096	-0.003	-0.005	0.004
RUN	POINT	Harmonics															
54	39																
	FLAP1C_TS_COS	0.039	-0.003	-0.002	0.009	0.987	0.004	0.001	-0.030	0.005	0.003	0.002	-0.008	-0.076	0.002	0.001	0.002
	FLAP1C_TS_SIN	0.000	0.004	-0.008	-0.004	-0.061	-0.003	0.005	0.036	-0.014	0.005	-0.002	-0.005	-0.004	0.015	0.006	-0.002
	FLAP2C_TS_COS	0.050	-0.003	-0.003	0.012	0.990	0.007	-0.001	-0.024	0.016	-0.001	-0.001	-0.006	-0.077	0.000	-0.006	0.009
	FLAP2C_TS_SIN	0.000	0.006	-0.012	-0.003	-0.058	-0.001	0.005	0.036	0.008	0.004	0.009	0.003	-0.028	0.007	0.001	-0.005
	FLAP3C_TS_COS	-0.045	-0.002	-0.003	0.006	0.988	0.004	0.002	-0.023	0.002	0.011	-0.010	-0.011	-0.076	0.005	-0.010	0.002
	FLAP3C_TS_SIN	0.000	0.006	-0.007	-0.003	-0.057	-0.001	0.001	0.030	-0.005	0.005	0.014	-0.001	-0.004	0.012	0.009	-0.011
	FLAP4C_TS_COS	-0.004	-0.002	0.000	0.007	0.990	0.009	0.000	-0.025	0.020	-0.002	-0.001	0.000	-0.072	-0.002	-0.008	0.008
	FLAP4C_TS_SIN	0.000	0.005	-0.009	-0.002	-0.061	-0.003	0.004	0.018	0.006	0.006	0.001	0.008	-0.034	0.007	-0.002	0.000
	FLAP5C_TS_COS	0.080	0.000	-0.001	0.007	0.990	0.003	0.000	-0.033	0.021	0.001	0.003	-0.006	-0.086	-0.001	-0.006	0.003
	FLAP5C_TS_SIN	0.000	0.004	-0.006	-0.006	-0.060	-0.003	0.002	0.026	-0.015	0.014	0.001	-0.006	0.004	0.020	-0.001	-0.008

RUN	POINT	Harmonics																
		54	43	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
FLAP1C	TS_COS	0.044	0.003	0.017	-0.010	-0.511	-0.003	0.003	0.012	-0.021	-0.007	0.013	0.005	-0.072	-0.006	-0.003	-0.001	
FLAP1C	TS_SIN	0.000	-0.013	0.011	0.016	-0.859	-0.002	-0.003	0.022	0.029	0.006	-0.011	-0.004	-0.015	0.022	-0.004	0.004	
FLAP2C	TS_COS	0.054	0.004	0.021	-0.007	-0.512	-0.004	0.003	0.007	-0.031	0.010	0.004	0.001	-0.061	0.002	-0.004	0.000	
FLAP2C	TS_SIN	0.000	-0.015	0.012	0.018	-0.862	-0.006	-0.002	0.017	0.023	0.010	0.008	-0.012	-0.041	0.012	0.001	0.000	
FLAP3C	TS_COS	-0.043	0.003	0.017	-0.006	-0.508	0.000	0.001	0.017	-0.014	-0.005	-0.003	0.004	-0.077	0.001	-0.001	-0.002	
FLAP3C	TS_SIN	0.000	-0.012	0.009	0.013	-0.860	-0.004	0.000	0.023	0.033	0.010	-0.005	-0.017	-0.012	0.009	0.006	-0.001	
FLAP4C	TS_COS	0.003	0.004	0.020	-0.005	-0.509	-0.009	-0.001	0.021	-0.025	0.008	-0.012	0.004	-0.048	-0.006	-0.004	0.006	
FLAP4C	TS_SIN	0.000	-0.011	0.011	0.017	-0.860	-0.001	-0.002	0.036	0.025	0.003	0.009	-0.021	-0.048	0.010	-0.001	0.006	
FLAP5C	TS_COS	0.085	0.004	0.016	-0.009	-0.511	-0.003	0.001	0.008	-0.015	0.006	0.001	0.005	-0.086	-0.007	-0.002	0.005	
FLAP5C	TS_SIN	0.000	-0.011	0.011	0.015	-0.859	-0.001	0.000	0.018	0.035	0.006	-0.002	-0.011	-0.002	0.013	-0.003	0.004	
RUN	POINT	Harmonics																
54	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
FLAP1C	TS_COS	0.043	-0.001	0.008	-0.008	-0.848	-0.005	-0.001	0.013	-0.008	-0.016	0.005	0.025	0.012	-0.014	0.003	-0.003	
FLAP1C	TS_SIN	0.000	-0.004	0.008	0.005	0.512	0.000	-0.004	-0.001	-0.009	-0.004	-0.009	-0.007	-0.077	-0.004	-0.003	0.001	
FLAP2C	TS_COS	0.055	-0.001	0.007	-0.009	-0.849	-0.005	0.000	0.018	0.007	-0.011	0.010	0.027	0.043	-0.020	-0.004	-0.006	
FLAP2C	TS_SIN	0.000	-0.003	0.009	0.000	0.510	0.001	-0.005	-0.015	-0.014	-0.008	-0.010	-0.004	-0.057	0.009	-0.008	-0.001	
FLAP3C	TS_COS	-0.043	-0.001	0.005	-0.003	-0.849	-0.003	0.000	0.012	0.006	-0.010	0.002	0.022	0.009	-0.016	0.002	-0.003	
FLAP3C	TS_SIN	0.000	-0.003	0.005	0.000	0.508	-0.003	-0.002	-0.008	-0.026	-0.005	-0.006	-0.009	-0.079	0.000	-0.008	0.004	
FLAP4C	TS_COS	0.000	0.000	0.006	-0.009	-0.848	-0.007	0.000	0.024	0.000	-0.007	0.003	0.034	0.038	-0.020	0.000	-0.004	
FLAP4C	TS_SIN	0.000	-0.003	0.012	-0.001	0.509	0.000	-0.005	-0.029	-0.010	-0.008	-0.017	0.005	-0.043	-0.004	-0.008	-0.002	
FLAP5C	TS_COS	0.082	0.000	0.007	-0.005	-0.849	-0.006	0.001	0.015	-0.006	-0.014	0.005	0.032	0.009	-0.012	-0.003	-0.008	
FLAP5C	TS_SIN	0.000	-0.004	0.008	0.003	0.511	-0.001	-0.002	-0.012	-0.026	-0.009	-0.013	-0.005	-0.087	0.000	0.001	0.004	

RUN	POINT	Harmonics																
		54	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
FLAP1C	TS_COS	0.038	0.000	-0.001	0.000	0.044	-0.002	0.000	-0.023	-0.018	-0.016	0.006	-0.013	-0.009	0.004	0.002	-0.002	
FLAP1C	TS_SIN	0.000	0.001	0.002	0.001	0.987	0.004	-0.005	-0.019	0.022	0.031	-0.009	-0.001	0.082	-0.004	-0.006	0.002	
FLAP2C	TS_COS	0.049	0.001	0.001	0.000	0.044	-0.003	-0.001	-0.047	-0.024	-0.016	0.003	-0.011	-0.025	0.005	0.008	0.002	
FLAP2C	TS_SIN	0.000	0.000	0.002	0.001	0.991	0.006	-0.006	-0.029	0.001	0.028	-0.001	-0.014	0.068	-0.003	-0.003	0.004	
FLAP3C	TS_COS	-0.046	0.000	0.000	0.000	0.040	-0.002	0.001	-0.016	-0.036	-0.010	-0.005	-0.008	0.002	0.004	0.004	-0.004	
FLAP3C	TS_SIN	0.000	0.001	0.001	0.000	0.988	0.002	-0.004	-0.011	0.009	0.022	-0.016	-0.009	0.088	-0.002	-0.002	0.004	
FLAP4C	TS_COS	-0.005	0.002	-0.002	0.001	0.045	-0.001	0.000	-0.033	-0.030	-0.012	-0.004	-0.015	-0.023	0.007	0.008	-0.002	
FLAP4C	TS_SIN	0.000	0.001	0.001	-0.003	0.992	0.005	-0.005	-0.025	0.013	0.013	0.002	-0.019	0.062	0.005	0.001	0.010	
FLAP5C	TS_COS	0.078	0.002	0.000	0.003	0.044	-0.002	0.000	-0.029	-0.031	-0.013	-0.005	-0.014	0.003	0.008	0.005	-0.007	
FLAP5C	TS_SIN	0.000	0.002	0.003	0.000	0.989	0.004	-0.003	-0.021	0.023	0.025	-0.004	-0.010	0.095	-0.001	-0.004	0.003	
RUN	POINT	Harmonics																
54	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
FLAP1C	TS_COS	0.045	0.001	-0.003	0.002	-0.001	-0.003	-0.001	0.011	-0.016	0.001	0.010	0.001	-0.002	-0.002	0.001	0.000	
FLAP1C	TS_SIN	0.000	0.007	1.479	-0.005	0.000	0.000	0.000	0.015	0.020	0.003	-0.027	0.008	0.006	-0.002	-0.002	0.004	
FLAP2C	TS_COS	0.056	-0.001	-0.006	-0.001	-0.001	-0.001	-0.001	-0.010	0.000	0.006	0.024	-0.003	-0.006	0.000	0.011	0.000	
FLAP2C	TS_SIN	0.000	0.008	1.482	-0.006	-0.005	-0.001	-0.001	-0.004	0.006	0.017	-0.017	0.002	-0.001	-0.002	-0.004	0.003	
FLAP3C	TS_COS	-0.042	0.000	-0.002	-0.001	0.000	-0.001	-0.001	-0.002	-0.007	0.002	-0.002	0.002	-0.001	0.000	-0.003	0.004	
FLAP3C	TS_SIN	0.000	0.006	1.479	-0.003	-0.002	0.001	0.001	0.003	0.005	0.012	-0.031	0.003	-0.002	-0.004	-0.001	0.004	
FLAP4C	TS_COS	0.001	0.000	-0.005	-0.002	-0.002	-0.001	-0.002	0.012	0.006	0.006	0.006	0.001	-0.002	0.003	0.011	0.000	
FLAP4C	TS_SIN	0.000	0.006	1.486	-0.004	-0.006	-0.002	-0.001	0.002	0.012	0.020	-0.015	-0.002	-0.003	-0.002	-0.007	0.003	
FLAP5C	TS_COS	0.085	0.001	-0.001	0.001	-0.001	-0.001	-0.001	0.001	-0.010	0.007	0.001	-0.004	-0.001	-0.001	0.002	-0.001	
FLAP5C	TS_SIN	0.000	0.005	1.483	-0.003	-0.004	-0.002	0.001	0.002	0.004	0.005	-0.037	0.006	0.005	-0.003	-0.002	0.007	

RUN	POINT	Harmonics																	
		54	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.043	-0.007	0.776	0.010	0.002	0.002	-0.002	-0.002	0.004	-0.006	-0.008	-0.005	0.017	0.000	0.001	0.006	-0.003	
FLAP1C	TS_SIN	0.000	0.011	1.249	-0.007	-0.003	0.000	-0.001	-0.001	0.007	0.012	0.003	0.014	0.000	0.005	0.001	-0.002	0.004	
FLAP2C	TS_COS	0.053	-0.009	0.772	0.011	0.002	0.000	-0.005	-0.005	-0.019	0.001	-0.004	-0.014	0.017	-0.003	-0.008	-0.001	0.000	
FLAP2C	TS_SIN	0.000	0.009	1.251	-0.007	-0.001	0.001	-0.002	-0.002	0.001	0.003	0.005	0.002	0.008	0.012	0.004	0.003	-0.001	
FLAP3C	TS_COS	-0.044	-0.006	0.775	0.005	-0.002	0.002	-0.003	-0.003	0.006	-0.009	0.002	-0.013	0.010	0.004	-0.003	0.002	-0.003	
FLAP3C	TS_SIN	0.000	0.007	1.255	-0.002	-0.004	-0.001	0.000	0.000	0.008	0.009	0.002	0.022	-0.005	0.005	0.003	-0.006	0.002	
FLAP4C	TS_COS	0.002	-0.009	0.774	0.010	-0.003	0.003	-0.003	-0.003	-0.006	0.000	0.002	-0.015	0.013	-0.002	-0.010	-0.001	0.006	
FLAP4C	TS_SIN	0.000	0.009	1.256	0.000	-0.004	-0.004	-0.002	-0.002	-0.008	0.011	-0.005	0.003	0.015	0.008	-0.004	0.007	-0.002	
FLAP5C	TS_COS	0.082	-0.004	0.781	0.010	0.002	0.001	-0.005	-0.005	-0.003	-0.012	-0.007	-0.005	0.012	0.006	0.004	-0.004	-0.004	
FLAP5C	TS_SIN	0.000	0.005	1.256	-0.005	-0.003	-0.001	0.001	0.001	0.005	0.012	0.000	0.029	0.001	0.007	0.007	-0.003	-0.001	
RUN	POINT	Harmonics																	
54	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.034	0.001	1.309	0.010	0.000	-0.001	-0.004	-0.005	-0.013	-0.013	-0.002	0.033	0.003	0.006	-0.008	0.000	0.002	
FLAP1C	TS_SIN	0.000	0.007	0.692	-0.006	0.002	0.000	0.005	0.014	0.017	0.006	-0.019	-0.005	-0.005	0.002	0.000	-0.003	0.002	
FLAP2C	TS_COS	0.041	-0.001	1.311	0.011	-0.001	-0.003	-0.004	-0.022	-0.017	-0.001	0.029	0.010	0.010	0.011	0.000	0.002	-0.002	
FLAP2C	TS_SIN	0.000	0.007	0.693	-0.005	0.002	-0.002	0.005	0.026	0.003	0.008	0.002	-0.014	0.004	0.004	0.001	-0.012	0.006	
FLAP3C	TS_COS	-0.050	-0.002	1.308	0.007	-0.002	-0.002	-0.004	-0.001	-0.008	0.000	0.024	0.001	0.008	0.008	-0.004	0.001	-0.002	
FLAP3C	TS_SIN	0.000	0.007	0.694	0.000	0.001	0.000	0.005	0.005	0.015	-0.001	-0.021	-0.008	-0.001	-0.001	0.002	0.009	0.001	
FLAP4C	TS_COS	-0.007	-0.003	1.312	0.015	-0.005	-0.004	-0.006	-0.021	-0.008	-0.001	0.019	0.020	0.013	0.013	-0.002	0.005	-0.007	
FLAP4C	TS_SIN	0.000	0.010	0.691	-0.001	0.003	-0.002	0.004	0.016	0.010	0.005	-0.002	-0.016	0.010	0.010	0.000	-0.005	0.006	
FLAP5C	TS_COS	0.072	-0.001	1.316	0.009	-0.002	-0.001	-0.003	-0.006	-0.003	-0.001	0.037	0.003	0.004	0.004	-0.004	-0.001	-0.001	
FLAP5C	TS_SIN	0.000	0.006	0.692	-0.005	-0.002	-0.003	0.008	0.008	0.021	0.007	-0.037	-0.009	-0.001	-0.001	-0.002	0.005	0.005	

RUN	POINT	Harmonics																	
		54	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.043	-0.003	1.486	-0.004	-0.002	0.002	0.000	0.007	-0.009	-0.011	-0.020	0.017	0.004	-0.003	-0.003	-0.010		
FLAP1C	TS_SIN	0.000	0.001	-0.018	-0.004	-0.006	-0.001	-0.001	0.004	0.020	-0.007	-0.008	0.006	0.000	0.003	-0.003	0.001		
FLAP2C	TS_COS	0.054	-0.004	1.486	-0.003	-0.004	0.004	0.001	0.007	-0.014	-0.015	-0.012	0.008	0.000	0.001	0.004	-0.003		
FLAP2C	TS_SIN	0.000	0.002	-0.017	-0.002	-0.006	-0.002	0.000	0.016	0.023	-0.007	-0.018	0.003	-0.006	0.001	0.004	-0.003		
FLAP3C	TS_COS	-0.043	-0.002	1.482	-0.001	-0.002	0.004	0.001	0.001	-0.005	-0.012	-0.038	0.011	0.006	-0.001	0.000	-0.005		
FLAP3C	TS_SIN	0.000	0.002	-0.016	-0.002	-0.003	-0.001	0.001	0.005	0.013	-0.005	-0.004	0.001	-0.005	0.000	-0.003	0.002		
FLAP4C	TS_COS	-0.001	-0.003	1.490	0.000	-0.003	0.003	0.000	-0.001	-0.013	-0.007	-0.016	0.010	0.007	-0.004	0.005	-0.002		
FLAP4C	TS_SIN	0.000	0.002	-0.018	-0.003	-0.005	-0.002	0.000	0.015	0.016	-0.008	-0.021	0.002	-0.006	0.002	0.010	-0.004		
FLAP5C	TS_COS	0.083	-0.003	1.489	-0.001	-0.005	0.002	0.001	-0.002	-0.004	-0.013	-0.037	0.012	0.006	0.005	-0.008	-0.009		
FLAP5C	TS_SIN	0.000	0.000	-0.018	-0.003	-0.005	-0.003	-0.001	-0.007	0.009	-0.002	-0.001	0.010	-0.005	-0.001	-0.003	0.000		
RUN	POINT	Harmonics																	
54	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.036	0.002	1.286	0.002	0.000	0.003	0.004	-0.003	-0.004	-0.008	0.033	0.015	0.000	-0.007	0.004	-0.007		
FLAP1C	TS_SIN	0.000	0.002	-0.762	-0.002	0.002	0.002	-0.006	-0.002	0.005	0.019	0.015	-0.009	0.003	-0.001	0.004	0.005		
FLAP2C	TS_COS	0.046	0.004	1.294	0.003	0.001	0.002	0.008	-0.002	0.005	-0.019	0.015	0.015	-0.005	-0.002	-0.008	-0.003		
FLAP2C	TS_SIN	0.000	0.002	-0.759	-0.001	0.002	0.002	-0.008	-0.015	0.020	0.023	0.027	-0.008	0.000	-0.005	-0.007	0.002		
FLAP3C	TS_COS	-0.049	0.002	1.289	0.003	0.000	0.001	0.005	0.002	-0.005	-0.009	0.027	0.012	-0.002	-0.005	0.008	-0.003		
FLAP3C	TS_SIN	0.000	0.003	-0.755	-0.001	0.002	0.003	-0.007	-0.001	0.012	0.016	0.017	-0.009	0.000	-0.001	0.004	0.005		
FLAP4C	TS_COS	-0.007	0.001	1.299	0.005	0.000	0.003	0.008	-0.003	-0.001	-0.015	0.002	0.020	-0.004	-0.004	-0.008	-0.004		
FLAP4C	TS_SIN	0.000	0.002	-0.762	0.000	0.003	0.003	-0.006	-0.017	0.021	0.017	0.025	-0.006	0.002	-0.006	-0.006	0.003		
FLAP5C	TS_COS	0.077	0.001	1.293	0.002	0.000	0.002	0.005	-0.006	-0.004	-0.015	0.049	0.018	-0.008	-0.011	-0.001	-0.002		
FLAP5C	TS_SIN	0.000	0.002	-0.763	-0.001	0.004	0.004	-0.009	-0.017	0.015	0.019	0.018	-0.003	-0.001	-0.001	0.006	0.002		

RUN	POINT	Harmonics																	
		54	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.033	0.003	0.722	0.001	0.002	0.001	0.002	0.001	-0.009	-0.010	-0.012	0.015	-0.015	0.012	-0.004	-0.002	0.000	-0.001
	FLAP1C_TS_SIN	0.000	-0.001	-1.308	-0.001	0.006	0.003	0.006	0.003	-0.003	-0.003	0.009	0.005	-0.037	-0.007	0.006	-0.002	0.003	0.000
	FLAP2C_TS_COS	0.042	0.005	0.725	0.003	0.002	0.003	0.002	-0.002	-0.006	-0.021	0.004	0.010	0.012	0.004	-0.003	-0.005	0.011	0.003
	FLAP2C_TS_SIN	0.000	0.002	-1.310	-0.003	0.008	-0.003	0.008	0.000	-0.007	-0.018	0.011	0.014	-0.026	-0.006	-0.001	-0.001	-0.002	0.001
	FLAP3C_TS_COS	-0.051	0.003	0.723	0.003	0.001	0.003	0.001	0.000	-0.006	-0.010	0.000	0.003	-0.015	0.003	0.001	-0.003	-0.003	-0.002
	FLAP3C_TS_SIN	0.000	0.002	-1.303	-0.001	0.005	-0.001	0.005	0.001	-0.005	-0.001	0.013	0.006	-0.037	-0.005	0.001	0.000	-0.002	0.001
	FLAP4C_TS_COS	-0.011	0.003	0.732	0.005	0.000	0.005	0.000	-0.001	-0.007	-0.008	-0.008	0.016	0.008	0.009	0.002	-0.002	0.010	0.005
	FLAP4C_TS_SIN	0.000	0.002	-1.315	-0.001	0.008	-0.001	0.008	0.002	-0.008	-0.014	0.018	0.005	-0.025	-0.011	0.000	0.003	0.001	0.000
	FLAP5C_TS_COS	0.071	0.002	0.724	0.001	0.001	0.001	0.001	0.000	-0.012	-0.009	-0.002	0.012	-0.022	0.003	0.004	-0.004	-0.006	-0.006
	FLAP5C_TS_SIN	0.000	0.002	-1.315	-0.002	0.007	-0.002	0.007	0.003	-0.003	-0.009	0.022	0.000	-0.034	-0.005	0.010	0.000	0.003	-0.001
RUN	POINT	Harmonics																	
54	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
	FLAP1C_TS_COS	0.047	0.000	-0.012	-0.002	0.007	-0.002	0.007	-0.003	-0.002	-0.004	0.004	-0.010	-0.002	0.010	0.001	-0.003	0.006	-0.001
	FLAP1C_TS_SIN	0.000	0.000	-1.490	-0.004	0.002	-0.004	0.002	0.000	0.006	-0.001	0.008	0.001	0.021	-0.007	0.009	-0.002	0.000	-0.003
	FLAP2C_TS_COS	0.054	0.002	-0.003	-0.001	0.009	-0.001	0.009	-0.004	-0.006	-0.017	0.012	-0.017	-0.013	-0.008	0.015	-0.006	-0.006	-0.002
	FLAP2C_TS_SIN	0.000	-0.004	-1.494	-0.004	0.003	-0.004	0.003	0.003	0.004	-0.008	0.009	0.005	0.020	-0.013	-0.005	0.010	0.002	0.003
	FLAP3C_TS_COS	-0.039	0.000	-0.004	0.001	0.003	0.001	0.003	-0.001	-0.001	-0.013	0.017	-0.011	-0.006	0.003	0.003	-0.005	0.002	0.003
	FLAP3C_TS_SIN	0.000	0.003	-1.489	-0.001	0.002	-0.001	0.002	-0.003	0.006	-0.007	0.000	0.011	0.014	-0.005	-0.001	0.004	-0.008	0.000
	FLAP4C_TS_COS	0.004	0.002	-0.008	-0.002	0.012	-0.002	0.012	-0.002	-0.007	-0.001	0.005	-0.014	-0.016	-0.008	0.004	-0.008	0.004	-0.011
	FLAP4C_TS_SIN	0.000	0.003	-1.496	-0.008	0.002	-0.008	0.002	0.005	0.005	-0.012	0.015	-0.009	0.017	-0.006	0.004	-0.003	0.002	0.008
	FLAP5C_TS_COS	0.087	0.000	-0.011	-0.001	0.006	-0.001	0.006	-0.003	-0.001	-0.006	0.015	-0.016	0.006	0.000	0.007	-0.010	0.006	-0.001
	FLAP5C TS SIN	0.000	0.001	-1.494	-0.002	0.001	-0.002	0.001	-0.002	0.009	-0.009	0.006	0.005	0.033	-0.003	0.003	0.007	-0.014	0.005

RUN	POINT	Harmonics																	
		54	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.045	-0.002	-0.814	-0.002	0.003	-0.001	0.006	-0.005	-0.002	0.004	0.016	-0.007	0.006	0.006	-0.001	0.000	-0.008	
FLAP1C	TS_SIN	0.000	-0.002	-1.261	-0.001	-0.002	0.001	0.004	0.011	0.000	0.003	-0.031	-0.008	-0.002	-0.001	0.003	0.005	0.005	
FLAP2C	TS_COS	0.054	0.000	-0.810	-0.002	0.007	0.002	0.005	-0.013	0.004	0.004	0.038	-0.008	0.002	0.007	0.007	-0.004	-0.001	
FLAP2C	TS_SIN	0.000	-0.005	-1.269	-0.004	-0.003	0.004	0.007	0.008	-0.004	0.010	-0.024	0.003	-0.009	0.005	0.005	-0.013	0.005	
FLAP3C	TS_COS	-0.042	0.002	-0.804	-0.001	0.005	-0.001	0.004	-0.014	0.002	0.010	-0.003	-0.003	0.004	0.000	0.000	-0.007	-0.005	
FLAP3C	TS_SIN	0.000	-0.001	-1.260	-0.004	-0.002	0.001	0.004	0.014	-0.017	0.012	-0.032	-0.008	-0.002	-0.001	0.007	0.007	0.003	
FLAP4C	TS_COS	0.002	0.000	-0.812	-0.004	0.005	0.001	0.004	-0.005	-0.002	-0.006	0.032	-0.004	0.006	-0.003	0.004	0.004	0.001	
FLAP4C	TS_SIN	0.000	-0.001	-1.266	-0.004	-0.005	0.000	0.007	0.005	0.010	0.003	-0.015	0.002	-0.003	0.000	-0.018	0.009	0.009	
FLAP5C	TS_COS	0.083	-0.001	-0.812	-0.003	0.005	-0.001	0.006	-0.008	0.006	0.005	0.006	-0.013	0.008	0.006	-0.006	-0.001	-0.001	
FLAP5C	TS_SIN	0.000	-0.002	-1.264	-0.002	-0.003	0.004	0.006	0.002	0.000	0.015	-0.045	-0.004	-0.011	0.002	0.002	0.002	0.009	
RUN	POINT	Harmonics																	
54	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.053	-0.005	-1.298	-0.005	-0.003	0.001	0.003	-0.013	-0.009	-0.012	-0.016	0.005	0.004	-0.003	-0.002	-0.002	-0.002	
FLAP1C	TS_SIN	0.000	-0.003	-0.741	0.003	-0.010	-0.005	-0.005	0.016	0.007	0.000	0.001	0.006	0.003	0.002	-0.004	0.006	0.006	
FLAP2C	TS_COS	0.063	-0.005	-1.300	-0.005	-0.001	0.002	0.002	-0.015	-0.007	-0.009	-0.020	0.006	-0.004	0.000	-0.002	0.008	0.008	
FLAP2C	TS_SIN	0.000	-0.005	-0.745	0.001	-0.010	-0.003	-0.005	0.012	0.001	0.004	-0.013	0.010	-0.001	0.000	0.002	0.004	0.004	
FLAP3C	TS_COS	-0.036	-0.003	-1.293	-0.004	-0.003	-0.002	0.004	-0.004	-0.006	-0.003	-0.031	0.001	0.001	0.001	-0.002	-0.005	-0.005	
FLAP3C	TS_SIN	0.000	-0.003	-0.746	0.000	-0.005	-0.004	-0.007	0.017	-0.002	0.006	0.011	-0.005	-0.001	-0.003	-0.002	0.003	0.003	
FLAP4C	TS_COS	0.011	-0.004	-1.304	-0.007	-0.001	0.001	0.007	-0.008	-0.008	-0.016	-0.020	0.004	0.005	-0.011	-0.001	0.009	0.009	
FLAP4C	TS_SIN	0.000	-0.002	-0.748	0.001	-0.009	-0.003	-0.006	0.012	0.020	-0.005	-0.025	0.008	0.004	0.008	0.000	0.007	0.007	
FLAP5C	TS_COS	0.094	-0.005	-1.303	-0.004	-0.003	-0.001	0.004	-0.013	0.007	-0.003	-0.034	0.000	-0.002	0.002	-0.006	0.001	0.001	
FLAP5C	TS_SIN	0.000	-0.001	-0.744	0.002	-0.007	-0.003	-0.011	0.004	0.003	0.011	0.017	0.003	-0.002	0.001	-0.005	0.006	0.006	

RUN	POINT	Harmonics																	
		54	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.035	0.001	-1.490	0.003	-0.002	-0.003	-0.004	-0.021	-0.008	-0.003	0.036	0.009	0.008	0.004	0.004	-0.007	0.003	
FLAP1C	TS_SIN	0.000	0.002	-0.002	0.000	0.002	0.002	-0.004	0.020	0.004	0.005	-0.014	-0.012	-0.010	0.002	0.002	0.012	-0.002	
FLAP2C	TS_COS	0.044	0.002	-1.492	0.001	-0.004	0.000	-0.003	-0.012	-0.001	0.000	0.026	0.012	0.004	0.003	0.003	-0.013	-0.003	
FLAP2C	TS_SIN	0.000	0.001	-0.003	0.000	-0.002	0.000	-0.003	0.012	-0.001	0.011	0.006	-0.009	0.003	0.000	0.000	-0.001	-0.005	
FLAP3C	TS_COS	-0.049	0.002	-1.488	0.000	-0.002	-0.001	-0.006	-0.006	-0.010	0.007	0.029	-0.004	0.008	0.002	0.002	-0.001	0.004	
FLAP3C	TS_SIN	0.000	0.000	-0.006	0.000	0.000	0.001	-0.003	0.012	0.001	0.007	0.000	-0.018	-0.007	-0.001	0.008	0.004	0.004	
FLAP4C	TS_COS	-0.009	0.003	-1.496	0.000	-0.005	-0.004	-0.003	-0.005	0.003	-0.015	0.014	0.011	0.010	0.006	0.006	-0.013	-0.002	
FLAP4C	TS_SIN	0.000	0.001	-0.004	0.000	0.000	0.001	-0.007	0.008	0.017	0.008	0.001	-0.003	-0.010	0.006	0.006	-0.005	-0.005	
FLAP5C	TS_COS	0.075	0.002	-1.496	0.002	-0.002	-0.001	-0.008	-0.015	0.001	0.005	0.046	0.002	0.008	0.002	0.002	-0.004	0.004	
FLAP5C	TS_SIN	0.000	0.004	-0.002	0.000	0.001	0.005	-0.003	0.006	-0.008	0.010	-0.009	-0.013	-0.002	-0.003	0.012	0.012	0.003	
RUN	POINT	Harmonics																	
54	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.039	0.001	-1.287	0.001	0.001	0.001	-0.001	-0.004	-0.016	-0.007	-0.036	-0.001	-0.006	0.001	0.007	-0.008	-0.008	
FLAP1C	TS_SIN	0.000	0.003	0.768	-0.003	0.000	0.000	0.006	0.031	0.011	-0.003	-0.039	0.001	-0.005	-0.004	0.003	0.003	0.003	
FLAP2C	TS_COS	0.051	-0.001	-1.288	0.002	0.001	0.000	0.000	-0.007	-0.012	0.004	-0.017	-0.005	0.000	0.002	0.008	0.000	0.000	
FLAP2C	TS_SIN	0.000	0.002	0.767	-0.003	0.000	-0.001	0.005	0.011	-0.004	-0.001	-0.032	0.001	-0.006	0.001	0.009	-0.003	-0.003	
FLAP3C	TS_COS	-0.044	-0.001	-1.282	0.000	0.003	-0.002	-0.002	0.000	-0.017	-0.003	-0.031	-0.009	-0.008	0.005	-0.001	-0.005	-0.005	
FLAP3C	TS_SIN	0.000	0.002	0.763	-0.002	0.001	0.002	0.004	0.020	0.011	-0.010	-0.025	0.007	-0.010	-0.008	0.001	0.001	0.001	
FLAP4C	TS_COS	-0.003	0.002	-1.291	-0.001	0.002	0.000	-0.003	-0.007	-0.005	-0.004	-0.021	0.001	-0.008	0.005	0.015	-0.001	-0.001	
FLAP4C	TS_SIN	0.000	0.002	0.771	-0.002	0.002	0.002	0.004	0.010	0.014	0.003	-0.042	0.000	-0.013	0.000	0.015	-0.001	-0.001	
FLAP5C	TS_COS	0.080	0.001	-1.289	0.001	0.000	0.002	-0.001	-0.009	-0.013	0.005	-0.051	-0.005	-0.003	0.000	0.002	-0.002	-0.002	
FLAP5C	TS_SIN	0.000	0.001	0.772	0.000	0.001	-0.001	0.007	0.013	0.002	-0.002	-0.026	0.000	-0.007	0.000	-0.003	0.001	0.001	

RUN	POINT	Harmonics																	
		54	61	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.035	-0.001	-0.715	0.004	0.000	0.000	0.000	0.000	0.000	0.007	-0.022	-0.006	0.010	0.008	-0.004	0.001	0.004	-0.002
FLAP1C	TS_SIN	0.000	0.002	1.293	0.002	0.004	0.004	-0.002	0.000	0.000	0.029	0.011	0.007	0.016	0.005	-0.004	0.006	0.002	0.003
FLAP2C	TS_COS	0.041	0.000	-0.714	0.001	-0.002	0.008	-0.003	0.000	0.000	0.008	-0.004	-0.028	0.014	0.005	-0.002	0.003	-0.005	-0.004
FLAP2C	TS_SIN	0.000	0.003	1.289	0.004	0.008	0.004	-0.007	-0.001	0.033	0.033	-0.009	0.009	0.027	0.000	0.004	-0.003	0.005	0.009
FLAP3C	TS_COS	-0.049	0.000	-0.719	-0.001	0.000	-0.001	-0.003	-0.002	0.009	0.009	-0.009	-0.012	0.010	0.012	0.000	0.000	0.006	-0.003
FLAP3C	TS_SIN	0.000	0.000	1.291	0.001	0.002	0.002	-0.001	-0.002	0.008	0.008	0.016	0.013	0.014	0.003	-0.003	0.004	0.000	0.004
FLAP4C	TS_COS	-0.009	-0.001	-0.720	0.000	-0.002	-0.002	-0.004	-0.001	0.000	0.000	-0.003	-0.014	-0.013	0.014	0.001	-0.002	-0.002	-0.006
FLAP4C	TS_SIN	0.000	0.000	1.298	0.005	0.004	0.004	-0.002	-0.001	0.013	0.013	0.017	0.010	0.006	0.006	-0.003	-0.002	0.004	0.005
FLAP5C	TS_COS	0.074	0.001	-0.720	0.003	0.000	0.000	-0.002	0.000	-0.002	-0.002	-0.009	-0.003	0.022	0.008	0.003	0.001	0.007	-0.001
FLAP5C	TS_SIN	0.000	0.001	1.296	0.002	0.005	0.005	0.000	-0.002	0.017	0.017	0.005	0.010	0.022	0.002	-0.003	0.007	0.000	0.004
RUN	POINT	Harmonics																	
54	62	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	15
FLAP1C	TS_COS	0.033	0.003	0.017	0.000	0.002	0.001	0.002	0.010	0.010	-0.016	0.001	0.008	0.000	-0.002	-0.003	0.002	-0.001	-0.001
FLAP1C	TS_SIN	0.000	-0.003	1.486	-0.001	-0.001	-0.001	0.001	0.015	0.018	0.018	0.004	-0.028	0.009	0.005	-0.002	-0.003	-0.003	0.003
FLAP2C	TS_COS	0.042	0.002	0.019	-0.002	0.002	0.002	-0.001	-0.009	-0.001	-0.001	0.005	0.020	-0.004	-0.007	-0.002	0.010	0.010	-0.001
FLAP2C	TS_SIN	0.000	-0.001	1.487	-0.003	0.000	0.000	0.004	-0.003	0.008	0.008	0.016	-0.016	0.005	-0.001	-0.001	-0.005	0.003	0.003
FLAP3C	TS_COS	-0.050	0.001	0.013	0.000	0.001	0.001	0.001	0.002	-0.002	-0.010	0.002	-0.002	0.001	-0.002	-0.001	-0.002	0.004	0.004
FLAP3C	TS_SIN	0.000	-0.003	1.484	-0.001	0.001	0.001	0.000	0.000	0.006	0.005	0.010	-0.029	0.005	-0.001	-0.003	0.000	0.000	0.004
FLAP4C	TS_COS	-0.010	0.003	0.018	0.001	0.005	0.003	0.003	0.002	0.008	0.005	0.005	0.006	0.000	-0.002	0.003	0.011	0.000	0.000
FLAP4C	TS_SIN	0.000	-0.005	1.492	-0.002	0.002	0.001	0.002	0.006	0.006	0.011	0.022	-0.014	0.000	-0.003	0.001	-0.005	0.003	0.003
FLAP5C	TS_COS	0.074	0.003	0.017	0.001	0.002	0.002	0.001	0.000	0.000	-0.012	0.008	0.000	-0.005	-0.003	-0.005	0.003	-0.002	-0.002
FLAP5C	TS_SIN	0.000	-0.003	1.490	-0.001	0.001	-0.001	0.000	0.002	0.002	0.003	0.007	-0.037	0.007	0.002	-0.002	-0.002	-0.002	0.006

RUN	POINT	Harmonics																	
		54	63	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.040	0.000	0.014	0.007	0.001	0.003	-0.002	-0.003	-0.004	-0.002	-0.001	0.001	0.003	0.000	-0.001	0.001	0.000	
FLAP1C	TS_SIN	0.000	0.005	-0.001	-0.006	0.002	0.001	0.002	0.004	0.001	-0.001	-0.001	-0.002	-0.001	0.002	-0.001	-0.001	0.001	
FLAP2C	TS_COS	0.057	0.000	0.016	0.007	0.000	-0.001	-0.002	0.000	-0.001	-0.003	0.002	0.002	0.002	0.000	0.000	0.000	0.000	
FLAP2C	TS_SIN	0.000	0.009	0.004	-0.006	0.004	0.000	-0.002	0.000	0.004	0.000	-0.001	-0.002	0.001	0.000	0.000	0.000	0.001	
FLAP3C	TS_COS	-0.040	-0.001	0.013	0.004	0.000	0.000	-0.002	-0.001	0.001	-0.001	-0.001	-0.002	0.002	0.002	-0.001	0.000	0.000	
FLAP3C	TS_SIN	0.000	0.002	0.006	-0.004	0.003	0.001	-0.001	0.000	0.001	0.001	0.003	-0.001	-0.002	0.001	0.001	-0.001	0.000	
FLAP4C	TS_COS	-0.003	0.004	0.012	0.007	-0.001	0.000	-0.004	0.004	-0.003	-0.005	0.003	0.003	0.003	0.000	-0.002	0.001	0.002	
FLAP4C	TS_SIN	0.000	0.009	0.004	-0.005	0.005	0.000	-0.002	0.002	0.008	-0.002	-0.004	0.001	0.001	0.002	0.001	-0.002	0.002	
FLAP5C	TS_COS	0.078	-0.001	0.016	0.006	0.000	0.003	-0.003	-0.002	-0.001	0.000	0.000	0.001	0.001	0.000	-0.001	0.000	0.000	
FLAP5C	TS_SIN	0.000	0.005	0.001	-0.003	0.002	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	
RUN	POINT	Harmonics																	
54	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.045	-0.001	0.003	-0.679	0.005	0.749	-0.001	-0.018	-0.030	-0.025	0.008	-0.004	-0.009	0.023	0.017	-0.006	-0.006	
FLAP1C	TS_SIN	0.000	0.001	-0.002	-0.125	0.001	0.268	0.000	0.015	0.007	-0.011	-0.016	-0.012	0.017	0.055	-0.006	-0.021	-0.021	
FLAP2C	TS_COS	0.054	0.000	0.002	-0.679	0.003	0.748	-0.002	-0.032	-0.021	-0.014	-0.005	0.000	-0.010	0.005	0.012	0.014	0.014	
FLAP2C	TS_SIN	0.000	0.001	-0.001	-0.126	0.001	0.270	-0.001	-0.013	0.002	-0.012	-0.004	-0.020	0.019	0.060	-0.010	-0.026	-0.026	
FLAP3C	TS_COS	-0.041	-0.001	0.003	-0.677	0.001	0.746	0.001	-0.017	-0.033	-0.022	-0.001	-0.006	-0.012	0.030	0.014	0.001	0.001	
FLAP3C	TS_SIN	0.000	0.001	-0.001	-0.125	-0.001	0.267	0.001	0.014	0.012	-0.018	-0.011	-0.010	0.014	0.047	-0.008	-0.023	-0.023	
FLAP4C	TS_COS	0.002	-0.001	0.004	-0.680	0.001	0.749	-0.002	-0.038	-0.025	0.004	-0.019	0.007	-0.001	-0.009	0.015	0.014	0.014	
FLAP4C	TS_SIN	0.000	0.002	0.000	-0.126	-0.003	0.270	0.001	-0.004	0.002	-0.015	-0.012	-0.031	0.023	0.061	-0.008	-0.020	-0.020	
FLAP5C	TS_COS	0.084	0.000	0.004	-0.677	0.001	0.747	0.001	-0.024	-0.027	-0.005	0.000	-0.026	-0.015	0.040	0.019	-0.009	-0.009	
FLAP5C	TS_SIN	0.000	0.001	-0.002	-0.125	-0.001	0.269	-0.001	0.023	0.000	-0.008	-0.006	-0.014	0.018	0.053	-0.009	-0.026	-0.026	

RUN	POINT	Harmonics																	
		54	65	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.039	0.039	-0.002	-0.004	-0.004	-1.082	0.004	0.880	-0.005	0.012	-0.036	-0.025	0.004	-0.011	-0.008	0.029	0.019	0.002
	FLAP1C_TS_SIN	0.000	0.000	0.001	0.000	0.000	-0.007	0.001	0.456	-0.008	-0.007	0.012	-0.032	-0.016	-0.016	0.024	0.076	0.000	-0.012
	FLAP2C_TS_COS	0.049	0.001	-0.001	-0.001	-1.083	0.007	0.007	0.885	-0.006	-0.012	-0.028	-0.007	-0.002	-0.013	-0.015	0.013	0.012	0.025
	FLAP2C_TS_SIN	0.000	0.000	0.000	0.000	-0.008	-0.002	-0.002	0.461	-0.005	-0.039	0.002	-0.034	-0.007	-0.017	0.020	0.089	-0.009	-0.017
	FLAP3C_TS_COS	-0.047	0.000	-0.003	-0.003	-1.079	0.002	0.002	0.881	-0.006	0.022	-0.041	-0.018	-0.001	-0.014	-0.016	0.044	0.014	0.015
	FLAP3C_TS_SIN	0.000	0.002	-0.001	-0.001	-0.007	0.002	0.002	0.457	-0.004	-0.006	0.016	-0.041	-0.017	-0.009	0.022	0.069	-0.008	-0.012
	FLAP4C_TS_COS	-0.006	0.001	-0.001	-0.001	-1.087	0.003	0.003	0.887	-0.002	-0.004	-0.040	0.021	-0.024	-0.004	-0.005	0.001	0.012	0.022
	FLAP4C_TS_SIN	0.000	0.003	0.001	0.001	-0.007	-0.004	-0.004	0.455	-0.005	-0.012	0.002	-0.038	-0.011	-0.039	0.027	0.091	-0.008	-0.016
	FLAP5C_TS_COS	0.077	0.002	0.002	0.002	-1.085	0.005	0.005	0.886	-0.002	0.003	-0.028	0.005	-0.006	-0.048	-0.016	0.057	0.022	0.006
	FLAP5C_TS_SIN	0.000	0.001	0.004	0.004	-0.007	-0.002	-0.002	0.456	-0.003	0.006	0.006	-0.036	-0.006	-0.015	0.024	0.087	-0.005	-0.020
RUN	POINT	Harmonics																	
54	66	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
	FLAP1C_TS_COS	0.037	-0.002	-0.002	-0.001	0.005	-0.005	0.000	0.000	-0.003	0.000	-0.003	-0.002	0.001	0.003	0.000	-0.001	0.001	0.000
	FLAP1C_TS_SIN	0.000	0.004	-0.010	0.002	0.008	-0.006	-0.005	0.003	0.002	0.000	0.002	0.000	-0.002	-0.001	0.001	0.000	0.000	0.001
	FLAP2C_TS_COS	0.055	-0.003	-0.005	-0.002	0.002	-0.003	-0.001	0.000	0.000	0.000	0.000	-0.003	0.001	0.002	0.000	0.000	0.000	0.000
	FLAP2C_TS_SIN	0.000	0.007	-0.010	0.001	0.007	-0.009	-0.004	0.000	0.000	0.000	0.004	0.002	-0.002	0.000	0.000	0.000	0.000	0.001
	FLAP3C_TS_COS	-0.042	0.000	-0.004	-0.004	0.000	0.002	0.000	0.002	0.000	-0.001	0.001	-0.001	-0.002	0.002	0.001	-0.001	0.000	0.001
	FLAP3C_TS_SIN	0.000	0.002	-0.005	0.002	0.004	-0.006	-0.002	0.000	-0.002	0.000	0.002	0.003	-0.001	-0.002	0.000	0.001	-0.001	0.000
	FLAP4C_TS_COS	-0.001	0.001	-0.008	-0.001	0.002	-0.001	0.000	0.004	0.000	0.004	-0.003	-0.005	0.002	0.002	0.000	-0.002	0.000	0.003
	FLAP4C_TS_SIN	0.000	0.008	-0.010	0.001	0.009	0.001	0.009	-0.007	-0.003	0.002	0.007	-0.002	-0.004	0.001	0.001	0.000	-0.002	0.002
	FLAP5C_TS_COS	0.079	-0.003	-0.001	-0.001	0.000	0.000	0.001	0.000	0.001	-0.002	-0.001	0.000	0.000	0.001	0.000	-0.001	0.000	0.000
	FLAP5C TS SIN	0.000	0.004	-0.008	0.003	0.009	-0.009	-0.002	0.000	-0.002	0.000	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.001

RUN	POINT	Harmonics																	
		55	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.034	0.001	-0.004	-0.008	-0.001	-0.004	-0.001	-0.004	-0.001	0.000	-0.003	-0.001	0.001	0.003	0.000	-0.001	0.001	0.000
FLAP1C	TS_SIN	0.000	-0.005	0.001	-0.003	0.001	-0.003	0.001	0.004	-0.002	0.002	0.000	-0.001	-0.001	0.000	0.001	-0.001	0.000	0.000
FLAP2C	TS_COS	0.046	0.005	-0.010	-0.006	-0.004	-0.006	-0.004	-0.003	0.002	-0.001	0.001	-0.001	-0.001	0.002	0.000	0.001	0.000	0.000
FLAP2C	TS_SIN	0.000	0.001	-0.001	-0.004	0.001	-0.004	0.001	0.000	0.000	-0.001	0.001	0.003	-0.001	0.000	0.000	-0.001	0.000	0.000
FLAP3C	TS_COS	-0.053	0.006	-0.007	-0.005	-0.005	-0.005	-0.005	-0.001	0.001	0.000	0.001	-0.001	-0.002	0.001	0.002	-0.001	0.000	0.001
FLAP3C	TS_SIN	0.000	0.001	-0.002	-0.004	0.000	-0.004	0.000	0.001	0.000	0.000	0.001	0.002	-0.001	-0.003	0.000	0.001	-0.001	0.000
FLAP4C	TS_COS	-0.007	0.003	-0.005	-0.009	-0.004	-0.009	-0.004	-0.001	-0.001	0.005	-0.002	-0.005	0.003	0.003	0.000	-0.002	0.000	0.003
FLAP4C	TS_SIN	0.000	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.003	-0.003	0.001	0.007	-0.002	-0.003	0.000	0.001	0.000	-0.003	0.001
FLAP5C	TS_COS	0.073	0.010	-0.005	-0.006	-0.004	-0.006	-0.004	-0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000
FLAP5C	TS_SIN	0.000	0.000	-0.001	-0.004	0.000	-0.004	0.000	0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RUN	POINT	Harmonics																	
		55	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.033	0.000	0.043	-0.002	0.003	-0.002	0.003	0.000	0.004	0.014	-0.012	0.005	0.005	0.004	-0.001	-0.003	0.002	0.000
FLAP1C	TS_SIN	0.000	0.002	1.483	0.000	0.000	0.000	0.000	-0.003	-0.001	0.017	0.021	0.007	-0.029	0.009	0.007	0.000	-0.002	0.002
FLAP2C	TS_COS	0.045	-0.003	0.039	-0.003	0.002	-0.003	0.002	0.000	0.006	-0.006	0.003	0.009	0.023	-0.001	-0.008	0.000	0.012	0.001
FLAP2C	TS_SIN	0.000	0.004	1.486	0.002	-0.002	0.002	-0.002	-0.005	-0.002	-0.002	0.009	0.019	-0.017	0.003	0.000	-0.002	-0.004	0.004
FLAP3C	TS_COS	-0.052	-0.003	0.041	-0.004	0.002	-0.004	0.002	0.001	0.003	0.002	-0.010	0.006	-0.006	0.004	-0.002	-0.002	0.001	0.005
FLAP3C	TS_SIN	0.000	0.002	1.477	0.001	-0.002	0.001	-0.002	-0.001	0.001	0.006	0.010	0.012	-0.029	0.004	0.002	-0.003	0.001	0.005
FLAP4C	TS_COS	-0.009	-0.001	0.038	-0.005	-0.001	-0.005	-0.001	0.000	0.005	0.012	0.009	0.012	0.011	0.004	-0.003	0.002	0.012	0.001
FLAP4C	TS_SIN	0.000	0.003	1.489	0.003	-0.002	0.003	-0.002	-0.002	-0.002	0.005	0.012	0.023	-0.016	0.001	0.001	0.001	-0.008	0.002
FLAP5C	TS_COS	0.073	0.002	0.043	-0.003	0.005	-0.003	0.005	0.002	0.003	0.004	-0.007	0.012	0.000	-0.002	-0.001	-0.003	0.003	0.000
FLAP5C	TS_SIN	0.000	0.002	1.487	0.000	-0.001	0.000	-0.001	0.000	-0.001	0.006	0.006	0.007	-0.040	0.010	0.005	-0.001	-0.003	0.007

RUN	POINT	Harmonics																	
		55	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.042	-0.018	-0.001	0.000	-0.003	0.000	-0.001	-0.010	-0.012	-0.004	-0.009	0.007	0.000	0.003	-0.004	-0.002	-0.002	
FLAP1C	TS_SIN	0.000	1.991	-0.003	-0.004	-0.002	0.001	0.037	-0.002	0.014	-0.012	-0.003	-0.001	0.001	0.004	0.003	-0.006	0.003	
FLAP2C	TS_COS	0.056	-0.021	-0.004	-0.002	-0.002	0.003	0.000	-0.024	0.002	-0.013	0.004	0.003	0.005	0.002	-0.005	-0.001	-0.001	
FLAP2C	TS_SIN	0.000	1.998	-0.001	-0.005	-0.007	-0.003	0.002	0.016	0.001	0.017	-0.004	0.002	-0.007	0.004	-0.002	-0.002	0.005	
FLAP3C	TS_COS	-0.047	-0.017	-0.001	-0.002	-0.003	0.003	0.000	-0.019	-0.005	-0.003	-0.009	0.003	0.000	-0.003	-0.002	-0.002	-0.005	
FLAP3C	TS_SIN	0.000	1.984	0.001	-0.004	-0.005	-0.003	0.001	0.043	-0.012	0.015	-0.010	-0.005	-0.002	0.000	0.003	0.003	0.003	
FLAP4C	TS_COS	-0.001	-0.017	-0.001	-0.002	-0.003	-0.001	-0.001	-0.001	0.001	-0.011	-0.001	0.000	0.009	-0.003	-0.001	-0.001	-0.004	
FLAP4C	TS_SIN	0.000	1.995	-0.001	-0.004	-0.005	-0.004	0.000	0.017	0.016	0.017	-0.005	-0.005	-0.003	0.001	0.000	0.000	0.008	
FLAP5C	TS_COS	0.079	-0.016	0.002	-0.004	-0.003	0.001	-0.001	-0.005	0.001	-0.001	-0.004	0.000	0.003	-0.002	-0.002	-0.002	-0.001	
FLAP5C	TS_SIN	0.000	1.992	0.000	-0.004	-0.007	-0.002	0.001	0.033	-0.001	0.013	-0.008	-0.002	-0.006	0.002	-0.002	-0.002	0.010	
RUN	POINT	Harmonics																	
55	25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.042	-0.004	-0.006	0.003	-0.003	-0.002	0.002	0.010	-0.016	0.002	0.008	0.000	-0.002	-0.002	0.002	0.000	0.000	
FLAP1C	TS_SIN	0.000	0.005	1.476	-0.001	-0.002	-0.005	-0.001	0.013	0.017	0.001	-0.028	0.005	0.005	-0.002	-0.003	0.003	0.003	
FLAP2C	TS_COS	0.053	-0.005	-0.010	0.003	-0.004	-0.002	0.002	-0.004	0.000	0.002	0.024	-0.005	-0.007	0.001	0.012	0.000	0.000	
FLAP2C	TS_SIN	0.000	0.004	1.478	-0.001	-0.002	-0.003	-0.002	-0.009	0.009	0.012	-0.016	0.000	-0.001	-0.004	-0.003	0.002	0.002	
FLAP3C	TS_COS	-0.044	-0.003	-0.009	-0.001	0.000	0.001	-0.001	0.000	-0.010	0.001	-0.002	0.002	-0.003	-0.002	-0.001	0.003	0.003	
FLAP3C	TS_SIN	0.000	0.005	1.474	-0.003	-0.001	0.000	0.000	0.001	0.008	0.009	-0.029	0.003	0.001	-0.005	0.000	0.004	0.004	
FLAP4C	TS_COS	-0.002	-0.005	-0.010	0.001	-0.002	0.000	0.002	0.010	0.006	0.004	0.012	-0.001	-0.004	0.002	0.013	0.002	0.002	
FLAP4C	TS_SIN	0.000	0.003	1.480	0.001	-0.003	-0.004	-0.001	0.002	0.013	0.018	-0.015	-0.002	-0.002	-0.002	-0.006	0.002	0.002	
FLAP5C	TS_COS	0.079	-0.002	-0.006	0.002	0.001	0.000	0.001	0.002	-0.011	0.008	0.003	-0.005	-0.003	-0.003	0.003	-0.002	-0.002	
FLAP5C	TS SIN	0.000	0.001	1.482	-0.003	-0.004	-0.004	-0.003	0.002	0.004	0.004	-0.038	0.005	0.003	-0.003	-0.003	0.005	0.005	

RUN	POINT	Harmonics																	
		55	26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.035	0.004	0.125	-0.005	-0.002	0.002	0.001	0.011	-0.006	0.000	-0.005	0.009	0.001	-0.006	0.001	-0.002	0.001	0.002
	FLAP1C_TS_SIN	0.000	0.004	1.982	-0.003	-0.007	-0.002	0.000	0.012	0.020	0.007	-0.042	0.009	0.010	-0.002	0.000	-0.002	0.000	0.002
	FLAP2C_TS_COS	0.046	0.001	0.118	-0.011	-0.003	0.004	0.000	-0.015	0.001	0.007	0.016	-0.003	-0.008	-0.005	0.002	-0.005	0.002	0.000
	FLAP2C_TS_SIN	0.000	0.004	1.989	-0.006	-0.010	-0.001	0.001	-0.004	0.004	0.016	-0.039	0.006	0.007	-0.004	-0.008	-0.004	-0.008	0.002
	FLAP3C_TS_COS	-0.049	0.000	0.122	-0.006	-0.001	0.005	0.001	-0.004	-0.018	0.002	-0.017	0.003	-0.002	-0.004	-0.003	-0.004	-0.003	0.007
	FLAP3C_TS_SIN	0.000	0.002	1.976	-0.003	-0.006	0.001	0.003	0.007	0.011	0.012	-0.040	0.004	0.002	-0.003	0.006	-0.003	0.006	0.001
	FLAP4C_TS_COS	-0.008	0.003	0.119	-0.007	-0.001	0.001	0.000	0.007	0.006	0.013	0.006	-0.002	-0.005	-0.002	0.002	-0.002	0.004	0.004
	FLAP4C_TS_SIN	0.000	0.000	1.991	-0.002	-0.007	-0.002	-0.001	0.006	0.004	0.020	-0.032	0.004	0.001	-0.002	-0.013	-0.002	-0.013	0.002
	FLAP5C_TS_COS	0.073	0.003	0.121	-0.004	-0.001	0.002	0.001	0.001	-0.012	0.006	-0.018	0.003	-0.004	-0.005	-0.001	-0.005	-0.001	0.002
	FLAP5C_TS_SIN	0.000	-0.001	1.985	-0.002	-0.007	-0.003	-0.001	0.006	0.003	0.006	-0.057	0.012	0.005	-0.002	-0.001	-0.002	-0.001	0.006
RUN	POINT	Harmonics																	
55	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	15
	FLAP1C_TS_COS	0.037	0.001	-0.005	-0.007	0.000	0.001	-0.001	-0.003	-0.003	-0.001	0.002	0.002	0.000	-0.001	0.001	-0.001	0.000	0.000
	FLAP1C_TS_SIN	0.000	-0.004	-0.001	0.004	-0.001	0.001	0.001	0.001	-0.001	-0.001	-0.001	0.000	0.001	-0.001	-0.001	-0.001	0.001	0.001
	FLAP2C_TS_COS	0.042	0.005	-0.003	-0.010	0.000	0.001	-0.002	-0.003	0.002	-0.002	-0.001	0.002	0.001	0.000	0.000	0.000	-0.001	-0.001
	FLAP2C_TS_SIN	0.000	-0.003	-0.001	0.006	-0.001	0.000	0.001	-0.004	0.000	0.004	-0.002	-0.001	0.000	0.000	0.000	0.000	0.000	0.001
	FLAP3C_TS_COS	-0.053	0.003	-0.001	-0.009	-0.001	-0.001	-0.001	-0.001	0.001	-0.001	-0.002	0.001	0.001	-0.001	0.000	0.000	0.000	0.001
	FLAP3C_TS_SIN	0.000	-0.001	-0.004	0.004	0.001	0.000	0.000	-0.001	0.000	0.002	-0.001	-0.002	0.001	0.000	0.000	0.000	-0.001	0.000
	FLAP4C_TS_COS	-0.005	0.004	-0.001	-0.009	-0.001	0.000	-0.003	0.003	-0.003	-0.003	0.003	0.001	0.000	-0.002	0.001	-0.002	0.001	0.001
	FLAP4C_TS_SIN	0.000	-0.007	0.000	0.005	-0.001	0.003	0.000	0.000	0.004	-0.002	-0.002	0.000	0.000	0.001	0.000	0.000	0.001	0.002
	FLAP5C_TS_COS	0.075	0.002	-0.003	-0.007	-0.001	0.000	-0.001	-0.001	-0.001	0.000	0.001	0.000	0.000	0.001	0.000	0.000	0.000	0.000
	FLAP5C TS SIN	0.000	-0.002	-0.005	0.005	0.001	0.000	0.000	-0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	0.000

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
55	30																
	FLAP1C_TS_COS	0.039	0.002	0.032	-0.947	-0.001	0.001	-0.001	0.004	0.008	-0.003	0.015	0.010	-0.014	-0.001	0.003	0.002
	FLAP1C_TS_SIN	0.000	-0.005	0.993	-0.292	-0.005	0.001	0.000	0.030	-0.034	0.007	-0.024	-0.008	0.001	-0.020	0.004	0.003
	FLAP2C_TS_COS	0.051	0.004	0.031	-0.953	0.002	0.003	-0.001	-0.032	0.042	0.004	0.012	0.017	-0.005	0.008	0.003	-0.001
	FLAP2C_TS_SIN	0.000	-0.005	0.997	-0.296	-0.009	0.003	0.000	0.011	-0.050	0.018	-0.015	-0.009	0.002	-0.003	0.001	0.005
	FLAP3C_TS_COS	-0.049	0.000	0.033	-0.942	-0.001	0.000	-0.001	-0.002	0.008	0.010	0.002	0.013	-0.011	-0.004	0.007	0.002
	FLAP3C_TS_SIN	0.000	-0.005	0.988	-0.293	-0.005	-0.001	0.000	0.023	-0.043	0.008	-0.017	-0.015	0.005	-0.022	0.008	-0.001
	FLAP4C_TS_COS	-0.003	0.001	0.034	-0.950	-0.001	-0.002	-0.001	-0.029	0.031	0.006	0.000	0.022	-0.004	0.016	0.003	0.004
	FLAP4C_TS_SIN	0.000	-0.006	0.996	-0.293	-0.004	0.002	0.000	0.030	-0.040	0.024	-0.011	-0.014	0.003	-0.001	0.001	0.001
	FLAP5C_TS_COS	0.078	0.003	0.034	-0.947	-0.001	-0.001	-0.002	-0.030	0.014	0.015	0.015	0.006	-0.015	0.006	0.002	0.004
	FLAP5C_TS_SIN	0.000	-0.007	0.994	-0.292	-0.002	0.003	0.000	0.031	-0.077	0.012	-0.018	-0.013	-0.002	-0.019	0.006	0.002
RUN	POINT	Harmonics															
55	31																
	FLAP1C_TS_COS	0.032	0.004	0.530	-0.945	0.003	-0.001	0.001	-0.001	-0.017	-0.006	0.008	0.019	0.005	-0.013	0.006	0.003
	FLAP1C_TS_SIN	0.000	-0.001	0.841	-0.275	0.000	0.003	-0.007	0.021	-0.045	0.016	-0.016	0.000	0.000	-0.015	0.002	-0.001
	FLAP2C_TS_COS	0.043	0.002	0.531	-0.945	0.005	-0.002	0.001	-0.025	0.013	0.005	0.006	0.013	0.008	0.000	0.005	-0.001
	FLAP2C_TS_SIN	0.000	-0.001	0.842	-0.277	0.000	0.004	-0.005	0.011	-0.070	0.022	-0.004	-0.004	0.002	-0.006	0.006	0.008
	FLAP3C_TS_COS	-0.053	0.001	0.528	-0.942	0.001	-0.002	0.000	-0.002	-0.026	0.006	0.001	0.015	0.011	-0.016	0.014	-0.002
	FLAP3C_TS_SIN	0.000	-0.001	0.839	-0.276	-0.001	0.001	-0.004	0.020	-0.045	0.008	0.003	-0.009	-0.001	-0.015	0.002	0.000
	FLAP4C_TS_COS	-0.011	0.003	0.532	-0.947	0.004	-0.002	0.000	-0.005	0.009	0.006	-0.005	0.012	0.004	0.005	-0.001	-0.001
	FLAP4C_TS_SIN	0.000	-0.002	0.844	-0.278	0.000	0.006	-0.005	0.030	-0.064	0.022	-0.002	-0.013	0.012	-0.010	0.009	0.003
	FLAP5C_TS_COS	0.072	0.003	0.531	-0.946	0.004	0.001	0.000	-0.018	-0.032	0.008	0.015	0.012	0.007	-0.008	0.007	0.006
	FLAP5C TS SIN	0.000	-0.003	0.844	-0.278	0.001	0.004	-0.004	0.038	-0.079	0.018	-0.010	-0.006	-0.004	-0.018	0.003	0.000

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
55	32	0.040	0.003	0.855	-0.936	0.001	0.003	-0.002	0.032	-0.041	0.002	0.005	0.021	0.009	-0.014	0.013	-0.003
		0.000	0.003	0.475	-0.309	0.000	0.003	-0.002	0.017	-0.050	0.022	-0.004	0.007	0.002	-0.006	0.005	-0.001
		0.052	0.005	0.857	-0.935	0.006	0.006	0.000	0.020	-0.014	0.008	-0.003	0.012	0.010	-0.006	0.006	-0.004
		0.000	0.005	0.477	-0.314	0.001	0.005	-0.002	0.022	-0.069	0.039	0.008	0.002	0.002	-0.011	0.002	0.003
		-0.046	0.000	0.854	-0.932	-0.001	0.003	0.000	0.036	-0.046	0.012	0.003	0.012	0.016	-0.019	0.016	-0.002
		0.000	0.006	0.473	-0.308	0.000	0.000	-0.001	0.015	-0.041	0.011	0.010	-0.002	-0.001	0.001	0.001	0.002
		-0.001	0.005	0.861	-0.935	0.002	0.007	0.001	0.039	-0.017	0.007	-0.010	0.007	0.011	-0.003	0.002	-0.005
		0.000	0.006	0.477	-0.306	-0.001	0.003	0.001	0.042	-0.063	0.037	0.003	-0.007	0.010	-0.021	0.007	-0.003
		0.079	0.003	0.859	-0.935	-0.001	0.002	0.000	0.036	-0.060	0.014	0.017	0.016	0.014	-0.012	0.007	0.003
		0.000	0.003	0.476	-0.309	0.001	0.002	-0.002	0.027	-0.073	0.027	0.001	0.005	-0.002	-0.005	0.009	-0.001
55	33	0.035	0.005	0.999	-0.947	0.002	0.003	-0.002	0.034	-0.067	0.009	-0.001	0.013	-0.010	-0.010	0.011	-0.005
		0.000	-0.003	-0.005	-0.302	-0.005	0.003	-0.003	0.013	-0.021	0.028	0.008	0.004	0.006	0.006	-0.002	0.005
		0.046	0.003	1.000	-0.947	0.004	0.004	0.000	0.025	-0.057	0.014	-0.013	0.012	0.003	-0.011	0.009	-0.007
		0.000	-0.002	-0.006	-0.307	-0.005	0.003	-0.002	0.012	-0.042	0.041	0.010	-0.009	-0.004	0.003	0.008	0.005
		-0.050	0.003	0.995	-0.938	0.000	0.004	0.001	0.033	-0.069	0.015	0.000	0.003	-0.006	-0.012	0.012	-0.002
		0.000	-0.001	-0.009	-0.303	-0.004	0.001	-0.001	0.012	-0.007	0.014	0.015	-0.001	0.000	0.017	-0.002	0.003
		-0.010	0.004	1.001	-0.946	0.005	0.004	-0.002	0.043	-0.056	0.009	-0.015	0.014	0.006	-0.014	0.009	-0.010
		0.000	-0.003	-0.004	-0.309	-0.004	0.006	-0.004	0.022	-0.044	0.040	-0.003	-0.011	0.001	-0.008	0.014	0.002
		0.074	0.005	1.001	-0.945	-0.001	0.005	0.000	0.043	-0.089	0.023	0.007	0.007	-0.012	-0.011	0.011	-0.003
		0.000	-0.002	-0.005	-0.304	-0.004	0.000	-0.001	0.005	-0.024	0.034	0.008	0.003	-0.002	0.013	0.005	-0.002

RUN	POINT	Harmonics																	
		55	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.038	0.004	0.836	-0.944	-0.003	0.004	-0.004	0.015	-0.082	0.012	-0.004	0.005	-0.008	0.006	0.006	0.006	-0.003	
	FLAP1C_TS_SIN	0.000	0.002	-0.521	-0.283	0.003	0.003	0.000	-0.010	0.018	0.021	0.003	-0.002	0.008	0.006	0.008	-0.005	0.005	
	FLAP2C_TS_COS	0.048	0.007	0.839	-0.943	-0.002	0.003	-0.005	0.012	-0.082	0.020	-0.015	0.012	-0.007	-0.013	0.012	0.012	-0.006	
	FLAP2C_TS_SIN	0.000	0.000	-0.524	-0.283	0.003	0.005	0.000	-0.018	-0.001	0.031	0.002	-0.013	0.011	0.012	-0.002	0.002	0.002	
	FLAP3C_TS_COS	-0.050	0.004	0.838	-0.940	-0.003	0.003	-0.002	0.010	-0.073	0.019	-0.009	-0.005	-0.007	0.007	0.007	0.007	0.000	
	FLAP3C_TS_SIN	0.000	0.002	-0.518	-0.283	0.000	0.000	0.001	-0.012	0.023	0.011	0.011	-0.005	0.005	0.013	-0.010	0.003	0.003	
	FLAP4C_TS_COS	-0.006	0.006	0.838	-0.944	-0.005	0.002	-0.005	0.023	-0.078	0.010	-0.021	0.012	-0.013	-0.014	0.009	0.009	-0.010	
	FLAP4C_TS_SIN	0.000	0.004	-0.522	-0.283	0.001	0.002	-0.001	-0.022	-0.005	0.036	-0.015	-0.005	0.005	0.005	0.007	0.007	-0.001	
	FLAP5C_TS_COS	0.076	0.003	0.840	-0.945	-0.005	0.004	-0.002	0.008	-0.094	0.029	-0.003	-0.001	-0.018	0.010	0.013	0.013	-0.008	
	FLAP5C_TS_SIN	0.000	0.003	-0.521	-0.284	0.002	0.000	0.002	-0.032	0.027	0.027	0.000	-0.001	0.010	0.013	-0.007	-0.004	-0.004	
RUN	POINT	Harmonics																	
55	35	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
	FLAP1C_TS_COS	0.029	0.004	0.485	-0.949	0.002	-0.001	-0.004	-0.020	-0.067	0.015	-0.007	0.001	0.001	0.009	0.002	0.001	0.001	
	FLAP1C_TS_SIN	0.000	-0.005	-0.858	-0.289	-0.002	0.005	-0.006	-0.017	0.041	0.023	0.005	-0.003	0.009	-0.007	-0.004	0.001	0.001	
	FLAP2C_TS_COS	0.040	0.000	0.487	-0.946	0.004	-0.002	0.000	-0.039	-0.078	0.018	-0.013	0.010	-0.013	0.001	0.012	0.012	-0.004	
	FLAP2C_TS_SIN	0.000	-0.002	-0.863	-0.293	-0.001	0.004	-0.006	-0.017	0.025	0.025	0.002	-0.004	0.021	0.002	-0.003	0.006	0.006	
	FLAP3C_TS_COS	-0.058	0.004	0.485	-0.939	0.000	0.001	-0.003	-0.016	-0.058	0.020	-0.015	-0.004	0.006	0.011	0.005	-0.001	-0.001	
	FLAP3C_TS_SIN	0.000	-0.004	-0.857	-0.291	-0.002	0.003	-0.004	-0.011	0.043	0.013	0.007	-0.010	0.008	-0.006	-0.010	0.005	0.005	
	FLAP4C_TS_COS	-0.014	0.000	0.484	-0.944	0.002	0.001	-0.001	-0.031	-0.078	0.009	-0.019	0.008	-0.019	0.003	0.006	0.006	-0.007	
	FLAP4C_TS_SIN	0.000	0.000	-0.862	-0.294	-0.001	0.001	-0.006	-0.038	0.027	0.032	-0.012	0.002	0.010	0.011	0.006	0.001	0.001	
	FLAP5C_TS_COS	0.067	0.001	0.484	-0.950	0.001	0.000	-0.003	-0.037	-0.066	0.028	-0.015	-0.005	-0.004	0.024	0.004	0.004	-0.007	
	FLAP5C TS SIN	0.000	0.000	-0.857	-0.295	-0.003	0.003	-0.004	-0.031	0.060	0.028	-0.001	0.000	0.016	-0.006	-0.012	-0.001	-0.001	

RUN	POINT	Harmonics																	
		55	36	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.028	-0.002	-0.029	-0.948	0.003	-0.002	-0.001	-0.041	-0.036	0.016	-0.006	0.005	0.007	0.004	-0.007	-0.002	-0.002	
FLAP1C	TS_SIN	0.000	-0.003	-0.985	-0.275	0.006	0.005	-0.003	0.016	0.068	0.012	-0.002	0.001	-0.002	-0.012	-0.003	-0.002	-0.002	
FLAP2C	TS_COS	0.036	-0.002	-0.029	-0.949	0.004	0.001	0.002	-0.064	-0.045	0.015	-0.006	0.013	-0.002	0.016	0.006	-0.001	-0.001	
FLAP2C	TS_SIN	0.000	-0.003	-0.985	-0.279	0.001	0.002	-0.002	0.006	0.066	0.019	-0.006	0.004	0.009	-0.006	-0.003	0.001	0.001	
FLAP3C	TS_COS	-0.057	-0.001	-0.026	-0.941	0.000	-0.001	0.000	-0.037	-0.027	0.023	-0.016	0.002	0.010	0.003	-0.003	-0.005	-0.005	
FLAP3C	TS_SIN	0.000	-0.003	-0.983	-0.275	0.001	0.001	-0.003	0.022	0.058	0.011	0.007	-0.008	-0.003	-0.022	-0.003	0.003	0.003	
FLAP4C	TS_COS	-0.019	0.000	-0.024	-0.949	-0.003	0.000	0.001	-0.052	-0.055	0.006	-0.015	0.008	0.001	0.020	0.001	-0.002	-0.002	
FLAP4C	TS_SIN	0.000	-0.002	-0.984	-0.275	0.001	0.002	-0.001	-0.014	0.080	0.022	-0.010	0.006	0.002	0.014	-0.004	-0.002	-0.002	
FLAP5C	TS_COS	0.065	-0.005	-0.028	-0.947	-0.001	-0.002	0.001	-0.054	-0.021	0.027	-0.011	0.003	0.012	0.014	-0.013	0.000	0.000	
FLAP5C	TS_SIN	0.000	0.000	-0.987	-0.276	0.005	0.004	-0.002	0.015	0.087	0.014	0.002	0.008	-0.001	-0.020	-0.011	0.000	0.000	
RUN	POINT	Harmonics																	
55	37	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.033	-0.004	-0.498	-0.924	0.000	0.000	0.000	-0.037	-0.018	0.018	-0.003	0.008	0.002	-0.009	-0.010	-0.008	-0.008	
FLAP1C	TS_SIN	0.000	0.001	-0.862	-0.333	0.003	-0.002	-0.001	0.038	0.068	0.002	-0.010	0.004	-0.004	-0.008	0.002	0.000	0.000	
FLAP2C	TS_COS	0.043	-0.001	-0.499	-0.926	0.001	0.001	-0.001	-0.042	-0.024	0.016	-0.004	0.007	0.001	0.004	-0.003	-0.006	-0.006	
FLAP2C	TS_SIN	0.000	0.003	-0.864	-0.334	0.003	0.000	0.000	0.028	0.079	0.014	-0.010	0.005	-0.003	-0.005	-0.007	-0.005	-0.005	
FLAP3C	TS_COS	-0.051	-0.002	-0.494	-0.921	0.000	0.000	0.001	-0.031	-0.003	0.018	-0.010	0.001	-0.002	-0.006	-0.012	-0.007	-0.007	
FLAP3C	TS_SIN	0.000	0.003	-0.862	-0.333	0.003	0.000	-0.001	0.039	0.063	0.006	-0.006	0.001	-0.009	-0.016	0.004	0.002	0.002	
FLAP4C	TS_COS	-0.010	-0.002	-0.498	-0.928	0.001	0.001	-0.001	-0.045	-0.036	0.010	-0.013	0.007	0.008	0.015	0.000	-0.012	-0.012	
FLAP4C	TS_SIN	0.000	0.004	-0.863	-0.335	0.001	-0.002	0.000	0.026	0.090	0.019	-0.016	0.005	-0.005	0.006	-0.006	-0.004	-0.004	
FLAP5C	TS_COS	0.071	-0.004	-0.496	-0.925	-0.001	-0.003	0.000	-0.042	0.008	0.028	-0.014	0.007	0.004	-0.006	-0.014	-0.003	-0.003	
FLAP5C	TS_SIN	0.000	0.001	-0.863	-0.331	0.004	-0.004	-0.001	0.046	0.086	0.014	-0.001	0.007	-0.007	-0.016	-0.005	0.001	0.001	

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
55	38	FLAP1C_TS_COS	0.032	-0.003	-0.860	-0.943	0.002	0.003	-0.002	0.002	0.017	0.017	-0.010	0.012	-0.001	-0.007	-0.006	-0.006
		FLAP1C_TS_SIN	0.000	-0.002	-0.467	-0.291	0.000	0.000	-0.001	0.059	0.055	-0.003	-0.025	0.004	-0.003	0.007	0.011	0.007
		FLAP2C_TS_COS	0.040	-0.003	-0.859	-0.945	-0.001	0.004	-0.001	-0.001	0.018	0.022	-0.004	0.005	-0.001	-0.006	-0.007	-0.011
		FLAP2C_TS_SIN	0.000	-0.003	-0.470	-0.292	-0.005	-0.002	-0.001	0.050	0.063	0.011	-0.018	0.005	-0.002	-0.001	0.002	0.000
		FLAP3C_TS_COS	-0.052	-0.001	-0.855	-0.939	0.003	0.003	-0.004	0.014	0.027	0.017	-0.012	0.004	-0.010	-0.007	-0.007	-0.003
		FLAP3C_TS_SIN	0.000	-0.002	-0.470	-0.295	-0.002	0.004	0.001	0.045	0.050	-0.005	-0.014	0.009	-0.008	0.002	0.014	0.010
		FLAP4C_TS_COS	-0.015	0.000	-0.857	-0.944	-0.004	0.001	-0.001	-0.004	0.016	0.017	-0.008	0.005	0.003	0.007	-0.002	-0.015
		FLAP4C_TS_SIN	0.000	-0.002	-0.469	-0.291	-0.001	-0.001	-0.003	0.060	0.080	0.024	-0.026	0.007	-0.006	-0.007	-0.001	0.000
55	39	FLAP5C_TS_COS	0.071	-0.002	-0.860	-0.943	0.002	0.003	0.000	0.007	0.052	0.032	-0.010	0.011	-0.005	-0.010	-0.015	-0.005
		FLAP5C_TS_SIN	0.000	-0.002	-0.468	-0.295	0.000	0.002	-0.002	0.054	0.061	0.007	-0.015	0.010	-0.006	0.005	0.007	0.005
		FLAP1C_TS_COS	0.028	0.001	-0.992	-0.937	0.002	-0.001	-0.003	0.014	0.041	0.011	-0.007	0.003	0.014	0.001	-0.004	0.001
		FLAP1C_TS_SIN	0.000	0.002	0.019	-0.299	-0.003	0.005	-0.003	0.058	0.025	-0.004	-0.033	0.002	-0.001	0.007	0.012	0.011
		FLAP2C_TS_COS	0.039	0.001	-0.994	-0.939	0.001	-0.001	-0.002	0.008	0.049	0.022	0.005	-0.001	0.004	-0.001	-0.006	-0.013
		FLAP2C_TS_SIN	0.000	0.002	0.016	-0.300	-0.004	0.005	-0.004	0.033	0.041	0.006	-0.022	0.003	0.005	0.006	0.004	0.008
		FLAP3C_TS_COS	-0.053	0.002	-0.988	-0.936	0.004	0.004	-0.004	0.026	0.044	0.006	-0.004	-0.005	0.002	0.003	-0.001	0.004
		FLAP3C_TS_SIN	0.000	0.005	0.016	-0.302	-0.005	0.007	0.000	0.037	0.025	-0.006	-0.026	0.013	-0.006	0.004	0.015	0.010
55	39	FLAP4C_TS_COS	-0.013	0.004	-0.997	-0.941	0.002	-0.002	-0.002	0.004	0.056	0.015	-0.003	0.004	0.001	0.002	-0.003	-0.014
		FLAP4C_TS_SIN	0.000	0.002	0.019	-0.301	-0.004	0.006	-0.005	0.045	0.059	0.019	-0.032	0.000	0.005	-0.004	-0.003	0.009
		FLAP5C_TS_COS	0.067	0.001	-0.995	-0.939	0.001	-0.001	-0.003	0.019	0.080	0.029	-0.004	0.003	0.010	0.000	-0.011	-0.001
55	39	FLAP5C_TS_SIN	0.000	0.003	0.020	-0.299	-0.004	0.004	-0.005	0.035	0.018	0.005	-0.029	0.008	-0.003	0.012	0.012	0.013

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
55	40																
	FLAP1C_TS_COS	0.033	-0.002	-0.812	-0.957	-0.006	-0.001	-0.002	0.014	0.034	0.010	-0.002	-0.006	0.006	0.015	0.002	0.003
	FLAP1C_TS_SIN	0.000	-0.006	0.554	-0.229	-0.003	-0.001	-0.001	0.017	-0.002	-0.007	-0.028	0.001	-0.006	-0.003	0.007	0.005
	FLAP2C_TS_COS	0.042	-0.002	-0.812	-0.960	-0.008	-0.003	-0.001	0.007	0.052	0.017	0.012	0.001	0.002	0.001	0.005	-0.001
	FLAP2C_TS_SIN	0.000	-0.010	0.556	-0.229	-0.007	-0.001	-0.004	-0.017	-0.001	0.005	-0.023	0.001	0.004	0.010	0.006	0.008
	FLAP3C_TS_COS	-0.054	0.000	-0.808	-0.954	-0.004	0.000	-0.001	0.011	0.043	0.007	-0.004	0.000	0.000	0.014	0.006	0.007
	FLAP3C_TS_SIN	0.000	-0.009	0.550	-0.232	-0.005	0.002	0.000	-0.004	-0.006	-0.002	-0.030	0.008	0.002	-0.007	0.008	0.002
	FLAP4C_TS_COS	-0.009	-0.003	-0.811	-0.955	-0.009	-0.004	-0.003	0.012	0.058	0.023	-0.004	0.008	0.002	-0.006	0.001	0.001
	FLAP4C_TS_SIN	0.000	-0.010	0.556	-0.228	-0.003	0.002	-0.003	-0.006	0.006	0.018	-0.026	-0.007	0.003	0.007	0.006	0.007
	FLAP5C_TS_COS	0.071	0.001	-0.814	-0.959	-0.004	-0.001	-0.002	-0.002	0.067	0.028	-0.001	-0.005	0.009	0.017	0.000	0.006
	FLAP5C_TS_SIN	0.000	-0.007	0.556	-0.232	-0.001	0.003	-0.003	-0.013	-0.032	-0.001	-0.032	0.001	-0.005	0.003	0.010	0.007
RUN	POINT	Harmonics															
55	41																
	FLAP1C_TS_COS	0.028	0.002	-0.496	-0.918	0.000	-0.005	0.000	0.018	0.024	0.001	0.018	-0.002	-0.010	0.015	0.001	-0.001
	FLAP1C_TS_SIN	0.000	-0.003	0.852	-0.328	0.001	0.000	0.003	0.014	-0.021	-0.001	-0.026	-0.006	-0.008	-0.007	0.007	0.009
	FLAP2C_TS_COS	0.035	0.000	-0.493	-0.918	-0.003	-0.008	0.000	0.001	0.061	0.004	0.023	0.009	-0.003	0.003	-0.001	-0.008
	FLAP2C_TS_SIN	0.000	-0.004	0.850	-0.323	0.000	-0.006	0.003	-0.013	-0.019	0.007	-0.021	-0.001	-0.003	0.002	0.002	0.011
	FLAP3C_TS_COS	-0.054	0.003	-0.496	-0.921	0.001	-0.003	0.000	0.012	0.032	0.003	0.007	0.005	-0.013	0.015	0.002	0.005
	FLAP3C_TS_SIN	0.000	-0.004	0.849	-0.329	-0.005	-0.001	0.004	-0.002	-0.027	0.008	-0.028	-0.005	0.001	-0.009	0.008	0.006
	FLAP4C_TS_COS	-0.019	0.000	-0.496	-0.921	-0.002	-0.007	-0.003	0.000	0.057	0.013	0.005	0.020	0.002	0.003	-0.005	-0.005
	FLAP4C_TS_SIN	0.000	-0.003	0.854	-0.327	-0.001	-0.002	0.002	0.007	-0.012	0.017	-0.022	-0.007	-0.007	0.002	-0.001	0.011
	FLAP5C_TS_COS	0.066	0.002	-0.496	-0.921	0.001	-0.004	-0.001	-0.008	0.050	0.017	0.014	-0.001	-0.007	0.021	-0.002	0.002
	FLAP5C TS SIN	0.000	-0.004	0.856	-0.329	-0.002	0.002	0.004	-0.010	-0.055	0.009	-0.028	-0.011	-0.010	-0.002	0.007	0.010

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
55	42																
	FLAP1C_TS_COS	0.042	-0.001	0.028	-0.948	0.003	0.000	-0.004	0.006	0.009	-0.001	0.011	0.009	-0.014	-0.003	0.003	0.003
	FLAP1C_TS_SIN	0.000	-0.003	0.994	-0.282	-0.007	0.002	0.002	0.027	-0.031	0.008	-0.023	-0.007	0.001	-0.020	0.002	0.002
	FLAP2C_TS_COS	0.055	-0.004	0.024	-0.952	0.007	0.000	-0.005	-0.031	0.039	0.004	0.012	0.017	-0.006	0.009	0.004	0.000
	FLAP2C_TS_SIN	0.000	-0.002	0.998	-0.287	-0.011	0.000	0.003	0.012	-0.047	0.019	-0.015	-0.009	0.002	-0.003	0.001	0.005
	FLAP3C_TS_COS	-0.043	-0.002	0.027	-0.944	0.004	0.000	-0.005	-0.002	0.007	0.012	0.000	0.013	-0.011	-0.004	0.006	0.000
	FLAP3C_TS_SIN	0.000	-0.003	0.988	-0.284	-0.009	-0.001	0.004	0.022	-0.041	0.008	-0.015	-0.015	0.005	-0.021	0.007	-0.002
	FLAP4C_TS_COS	0.000	-0.003	0.026	-0.951	0.005	-0.002	-0.008	-0.024	0.031	0.007	-0.002	0.021	-0.005	0.015	0.002	0.005
	FLAP4C_TS_SIN	0.000	-0.003	1.000	-0.283	-0.008	-0.002	0.000	0.028	-0.036	0.026	-0.008	-0.016	0.004	-0.002	-0.002	0.000
	FLAP5C_TS_COS	0.081	-0.001	0.028	-0.948	0.002	-0.001	-0.004	-0.027	0.012	0.016	0.014	0.005	-0.015	0.007	0.003	0.004
	FLAP5C_TS_SIN	0.000	-0.005	0.995	-0.282	-0.008	0.001	0.002	0.031	-0.074	0.012	-0.018	-0.013	-0.002	-0.019	0.004	0.001
55	44																
	FLAP1C_TS_COS	0.028	0.000	-0.004	-0.923	0.004	-0.001	0.002	-0.042	-0.021	-0.003	0.026	-0.077	0.003	-0.012	0.006	-0.002
	FLAP1C_TS_SIN	0.000	0.000	0.001	-0.335	0.994	-0.003	-0.003	0.003	-0.010	0.007	-0.054	-0.037	0.024	-0.003	-0.011	-0.003
	FLAP2C_TS_COS	0.035	0.000	0.000	-0.928	0.000	0.000	0.005	-0.033	-0.008	0.003	0.043	-0.080	0.003	-0.011	0.005	0.005
	FLAP2C_TS_SIN	0.000	-0.001	0.001	-0.336	0.990	-0.008	-0.001	-0.034	-0.018	0.007	-0.047	-0.059	0.027	0.005	-0.006	-0.004
	FLAP3C_TS_COS	-0.058	-0.001	-0.002	-0.925	0.001	-0.002	0.002	-0.020	-0.021	-0.003	0.011	-0.078	0.005	-0.010	0.003	0.003
	FLAP3C_TS_SIN	0.000	0.001	0.001	-0.337	0.985	-0.002	-0.001	-0.012	-0.007	-0.001	-0.058	-0.026	0.021	0.002	-0.014	-0.002
	FLAP4C_TS_COS	-0.019	-0.001	0.000	-0.927	-0.001	-0.001	0.004	-0.023	-0.017	-0.002	0.052	-0.073	-0.005	-0.012	0.003	0.007
	FLAP4C_TS_SIN	0.000	0.000	0.002	-0.338	0.991	-0.002	-0.001	-0.023	0.007	-0.002	-0.053	-0.058	0.026	0.000	-0.006	0.000
	FLAP5C_TS_COS	0.064	-0.001	-0.003	-0.925	0.001	-0.001	0.001	-0.043	-0.022	0.004	0.034	-0.104	0.008	-0.006	0.001	-0.005
	FLAP5C_TS_SIN	0.000	0.002	0.002	-0.338	0.994	0.000	-0.003	-0.009	-0.005	-0.005	-0.078	-0.038	0.035	0.004	-0.016	-0.004

RUN	POINT	Harmonics																	
		55	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.036	-0.001	0.004	-0.925	0.502	0.002	-0.004	-0.038	-0.004	0.000	-0.007	-0.076	0.022	0.001	-0.001	-0.008	-0.008	
FLAP1C	TS_SIN	0.000	-0.001	-0.002	-0.334	0.859	0.001	0.002	0.008	0.003	0.010	-0.049	0.048	0.003	0.005	-0.003	0.005	0.005	
FLAP2C	TS_COS	0.045	-0.001	0.003	-0.927	0.501	-0.003	-0.007	-0.026	-0.004	0.000	0.008	-0.095	0.030	0.006	-0.008	-0.004	-0.004	
FLAP2C	TS_SIN	0.000	-0.001	-0.004	-0.333	0.864	0.006	0.000	-0.009	0.003	0.003	-0.057	0.035	-0.002	0.017	0.004	-0.004	-0.004	
FLAP3C	TS_COS	-0.050	0.000	0.003	-0.924	0.497	-0.002	-0.003	-0.021	-0.002	0.004	-0.025	-0.072	0.025	0.006	-0.013	0.001	0.001	
FLAP3C	TS_SIN	0.000	-0.001	-0.001	-0.335	0.857	0.004	0.000	-0.007	0.002	0.009	-0.044	0.051	-0.003	0.016	-0.003	0.000	0.000	
FLAP4C	TS_COS	-0.010	0.000	0.003	-0.928	0.500	-0.001	-0.004	-0.029	0.006	-0.006	0.017	-0.094	0.019	0.002	-0.001	0.001	0.001	
FLAP4C	TS_SIN	0.000	-0.002	-0.003	-0.335	0.864	0.004	-0.001	-0.009	0.021	0.002	-0.072	0.037	0.011	0.010	0.000	0.001	0.001	
FLAP5C	TS_COS	0.074	0.001	0.004	-0.927	0.499	0.004	-0.004	-0.041	0.010	-0.003	-0.015	-0.091	0.033	0.007	-0.003	-0.009	-0.009	
FLAP5C	TS_SIN	0.000	-0.001	-0.001	-0.335	0.863	0.002	0.001	-0.010	0.013	0.008	-0.072	0.072	0.003	0.005	-0.004	0.013	0.013	
RUN	POINT	Harmonics																	
55	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.043	-0.003	-0.001	-0.947	0.892	0.001	-0.003	-0.045	-0.009	-0.002	-0.031	0.020	0.007	-0.002	-0.009	0.005	0.005	
FLAP1C	TS_SIN	0.000	-0.001	0.004	-0.275	0.419	0.000	0.004	0.033	-0.006	0.001	-0.031	0.081	-0.020	-0.009	-0.008	0.002	0.002	
FLAP2C	TS_COS	0.054	-0.003	0.000	-0.950	0.895	0.003	-0.002	-0.041	0.002	0.003	-0.022	0.004	-0.002	0.010	0.003	0.003	0.003	
FLAP2C	TS_SIN	0.000	-0.001	0.003	-0.275	0.420	0.006	0.007	-0.004	-0.004	-0.008	-0.039	0.094	-0.029	-0.015	-0.008	0.001	0.001	
FLAP3C	TS_COS	-0.046	-0.002	0.001	-0.946	0.889	0.002	-0.004	-0.043	-0.012	0.006	-0.042	0.024	0.002	0.011	-0.016	0.003	0.003	
FLAP3C	TS_SIN	0.000	-0.001	0.002	-0.274	0.419	0.005	0.003	0.025	-0.013	-0.005	-0.017	0.079	-0.027	-0.010	0.001	-0.010	-0.010	
FLAP4C	TS_COS	0.002	-0.003	-0.002	-0.950	0.896	0.004	-0.005	-0.051	0.022	-0.001	-0.028	0.003	0.007	0.007	-0.003	0.005	0.005	
FLAP4C	TS_SIN	0.000	0.000	0.004	-0.276	0.421	0.005	0.004	0.007	-0.005	0.008	-0.061	0.100	-0.016	-0.011	-0.011	-0.001	-0.001	
FLAP5C	TS_COS	0.082	0.000	-0.001	-0.950	0.894	0.005	-0.006	-0.069	0.013	0.001	-0.053	0.037	0.008	0.001	-0.013	0.011	0.011	
FLAP5C	TS_SIN	0.000	-0.001	0.006	-0.278	0.421	0.002	0.003	0.018	-0.013	0.008	-0.042	0.098	-0.029	-0.010	-0.012	0.002	0.002	

RUN	POINT	Harmonics																	
		55	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.024	0.001	0.007	-0.932	0.988	0.009	0.003	-0.026	-0.006	-0.004	-0.028	0.066	-0.006	-0.015	-0.021	0.002		
FLAP1C	TS_SIN	0.000	0.000	-0.002	-0.304	-0.040	-0.003	0.002	0.078	-0.003	0.005	-0.014	0.033	-0.009	0.004	0.014	0.000		
FLAP2C	TS_COS	0.033	0.003	0.012	-0.932	0.990	0.014	0.008	-0.037	0.004	-0.006	-0.032	0.064	-0.019	-0.012	-0.015	-0.001		
FLAP2C	TS_SIN	0.000	-0.001	-0.003	-0.301	-0.039	-0.001	0.003	0.053	0.008	-0.001	-0.018	0.051	-0.003	-0.009	0.007	-0.001		
FLAP3C	TS_COS	-0.061	0.000	0.005	-0.930	0.988	0.009	0.001	-0.018	-0.014	0.004	-0.040	0.064	-0.016	-0.005	-0.017	-0.005		
FLAP3C	TS_SIN	0.000	0.000	-0.004	-0.303	-0.039	0.003	0.001	0.082	-0.002	0.003	0.005	0.030	-0.014	-0.008	0.028	-0.005		
FLAP4C	TS_COS	-0.019	0.003	0.009	-0.935	0.991	0.017	0.006	-0.056	0.017	-0.004	-0.043	0.069	-0.012	-0.011	-0.023	0.003		
FLAP4C	TS_SIN	0.000	0.002	0.000	-0.302	-0.041	-0.002	0.002	0.074	-0.006	0.018	-0.044	0.063	-0.003	-0.008	0.002	0.001		
FLAP5C	TS_COS	0.061	0.003	0.007	-0.932	0.992	0.009	0.003	-0.053	0.014	0.001	-0.059	0.084	-0.015	-0.011	-0.020	0.007		
FLAP5C	TS_SIN	0.000	0.001	-0.001	-0.305	-0.036	-0.001	0.001	0.076	-0.014	0.018	-0.012	0.025	-0.017	-0.004	0.019	-0.002		
RUN	POINT	Harmonics																	
55	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.023	-0.003	0.001	-0.944	0.618	0.001	-0.003	0.015	-0.025	-0.017	-0.051	0.037	-0.004	0.000	0.002	-0.003		
FLAP1C	TS_SIN	0.000	0.001	0.010	-0.292	-0.414	-0.001	-0.001	0.046	-0.014	-0.010	-0.012	-0.026	-0.008	0.000	0.014	-0.006		
FLAP2C	TS_COS	0.035	-0.002	0.002	-0.944	0.620	0.003	-0.001	-0.006	-0.003	-0.007	-0.052	0.051	-0.001	-0.002	0.003	-0.003		
FLAP2C	TS_SIN	0.000	0.000	0.006	-0.293	-0.414	0.001	-0.001	0.020	-0.013	-0.010	-0.019	-0.024	0.001	-0.002	0.006	0.002		
FLAP3C	TS_COS	-0.062	-0.001	0.005	-0.938	0.617	0.006	-0.004	0.024	-0.026	-0.005	-0.054	0.036	-0.008	-0.005	0.017	-0.007		
FLAP3C	TS_SIN	0.000	0.000	0.007	-0.289	-0.412	0.001	0.003	0.041	-0.011	-0.018	0.006	-0.028	-0.006	-0.007	0.014	0.001		
FLAP4C	TS_COS	-0.021	-0.001	0.002	-0.945	0.621	0.004	-0.004	-0.011	-0.009	0.000	-0.070	0.067	0.002	0.003	0.000	-0.002		
FLAP4C	TS_SIN	0.000	0.001	0.011	-0.294	-0.411	0.002	-0.002	0.047	-0.024	0.005	-0.041	-0.018	0.004	0.000	0.009	0.000		
FLAP5C	TS_COS	0.062	-0.002	0.000	-0.944	0.619	0.006	-0.004	-0.009	-0.016	0.003	-0.073	0.038	-0.006	-0.001	0.004	-0.002		
FLAP5C	TS_SIN	0.000	0.002	0.011	-0.295	-0.413	-0.001	0.000	0.047	-0.035	-0.005	0.004	-0.039	-0.010	-0.002	0.012	-0.007		

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
55	49																
	FLAP1C_TS_COS	0.020	0.004	-0.009	0.981	-0.469	-0.007	0.002	-0.019	-0.022	-0.006	0.056	-0.007	-0.004	0.002	-0.008	0.003
	FLAP1C_TS_SIN	0.000	0.002	0.007	0.119	0.154	-0.009	0.001	0.027	-0.040	-0.010	0.009	-0.003	0.007	-0.003	0.006	-0.008
	FLAP2C_TS_COS	0.027	0.007	-0.015	0.986	-0.464	-0.011	0.004	-0.018	-0.010	-0.015	0.057	-0.020	-0.006	-0.003	0.002	0.003
	FLAP2C_TS_SIN	0.000	0.000	0.003	0.123	0.147	-0.004	0.003	-0.009	-0.028	-0.020	0.024	-0.007	0.008	0.002	0.000	-0.013
	FLAP3C_TS_COS	-0.063	0.003	-0.008	0.980	-0.472	-0.002	0.000	-0.009	-0.028	-0.011	0.064	-0.013	-0.002	-0.005	0.002	-0.004
	FLAP3C_TS_SIN	0.000	0.003	-0.007	0.129	0.138	0.002	0.003	0.026	-0.033	-0.006	0.001	-0.002	0.009	-0.007	0.009	-0.008
	FLAP4C_TS_COS	-0.026	0.004	0.003	0.976	-0.476	0.001	0.001	-0.026	-0.006	-0.018	0.065	-0.033	-0.005	0.000	-0.003	0.005
	FLAP4C_TS_SIN	0.000	0.000	0.003	0.124	0.144	-0.001	0.002	0.018	-0.034	-0.022	0.047	-0.015	0.009	-0.001	0.003	-0.016
	FLAP5C_TS_COS	0.058	0.004	0.000	0.975	-0.479	0.000	-0.001	-0.037	-0.012	-0.024	0.073	-0.012	-0.005	0.003	-0.008	0.001
	FLAP5C_TS_SIN	0.000	0.002	0.009	0.122	0.149	-0.008	0.002	0.019	-0.033	-0.002	-0.003	0.007	0.004	0.000	0.002	-0.006
RUN	POINT	Harmonics															
55	50																
	FLAP1C_TS_COS	0.040	-0.002	0.006	-0.953	-0.049	-0.005	0.001	0.015	-0.040	0.003	-0.025	-0.002	-0.001	-0.002	0.008	-0.006
	FLAP1C_TS_SIN	0.000	-0.008	0.001	-0.256	-0.492	0.006	-0.002	0.026	0.026	0.018	0.035	0.007	0.010	-0.001	0.008	0.006
	FLAP2C_TS_COS	0.050	-0.001	0.008	-0.954	-0.047	-0.002	0.000	-0.006	-0.027	0.004	-0.047	-0.006	0.001	-0.004	-0.002	-0.004
	FLAP2C_TS_SIN	0.000	-0.011	0.004	-0.257	-0.498	0.005	-0.001	0.009	0.006	0.024	0.039	-0.004	0.008	0.002	0.003	0.011
	FLAP3C_TS_COS	-0.048	-0.001	0.005	-0.947	-0.048	-0.001	0.001	0.018	-0.034	0.009	-0.027	-0.010	0.000	-0.008	0.007	0.002
	FLAP3C_TS_SIN	0.000	-0.008	0.000	-0.260	-0.494	0.001	0.000	0.015	0.032	0.015	0.047	0.000	0.009	0.001	-0.001	0.009
	FLAP4C_TS_COS	-0.002	-0.001	0.007	-0.954	-0.049	-0.003	0.000	0.008	-0.036	0.007	-0.073	-0.008	-0.003	-0.006	0.004	-0.005
	FLAP4C_TS_SIN	0.000	-0.006	0.002	-0.258	-0.494	0.002	-0.001	0.035	0.007	0.031	0.029	-0.015	0.010	-0.005	0.006	0.015
	FLAP5C_TS_COS	0.079	-0.001	0.007	-0.956	-0.049	-0.005	-0.001	0.001	-0.038	0.025	-0.024	-0.014	-0.003	0.000	0.006	-0.002
	FLAP5C TS SIN	0.000	-0.008	0.003	-0.257	-0.492	0.004	0.000	0.029	0.018	0.020	0.056	0.009	0.008	-0.001	0.010	0.006

RUN	POINT	Harmonics																	
		55	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.032	0.000	0.007	-0.925	-0.258	0.000	0.002	0.029	-0.032	-0.005	-0.011	0.004	0.005	-0.001	0.008	-0.004		
FLAP1C	TS_SIN	0.000	0.000	-0.009	-0.316	-0.419	-0.005	0.005	0.022	0.012	0.021	0.045	0.022	0.010	-0.005	0.003	0.006		
FLAP2C	TS_COS	0.039	0.000	0.011	-0.927	-0.261	-0.001	0.004	0.007	-0.023	-0.001	-0.034	-0.008	0.004	-0.001	0.006	-0.006		
FLAP2C	TS_SIN	0.000	-0.002	-0.009	-0.315	-0.421	-0.008	0.002	0.017	-0.005	0.032	0.052	0.016	0.012	0.002	0.002	0.006		
FLAP3C	TS_COS	-0.052	-0.001	0.006	-0.922	-0.253	-0.003	0.003	0.032	-0.025	0.004	-0.011	-0.002	0.007	-0.006	0.003	-0.001		
FLAP3C	TS_SIN	0.000	0.000	-0.009	-0.317	-0.419	-0.003	0.004	0.015	0.016	0.019	0.057	0.016	0.006	-0.001	-0.002	0.006		
FLAP4C	TS_COS	-0.012	0.000	0.011	-0.926	-0.260	0.001	0.001	0.021	-0.024	-0.001	-0.054	-0.013	0.001	-0.002	0.011	-0.006		
FLAP4C	TS_SIN	0.000	0.002	-0.010	-0.315	-0.421	-0.003	0.003	0.034	0.000	0.036	0.042	0.011	0.016	-0.002	0.003	0.008		
FLAP5C	TS_COS	0.070	0.000	0.007	-0.926	-0.257	0.000	0.003	0.024	-0.033	0.011	-0.004	-0.003	-0.001	-0.001	0.008	-0.004		
FLAP5C	TS_SIN	0.000	0.000	-0.008	-0.317	-0.418	-0.005	0.003	0.025	0.006	0.025	0.065	0.028	0.010	-0.005	0.005	0.004		
RUN	POINT	Harmonics																	
55	52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.033	0.003	-0.001	-0.930	-0.645	0.001	0.002	0.022	0.003	-0.015	0.016	0.032	0.013	0.001	0.005	0.001		
FLAP1C	TS_SIN	0.000	0.004	-0.007	-0.317	-0.367	0.003	-0.001	0.023	0.019	-0.004	0.049	0.042	0.003	0.002	-0.004	0.004		
FLAP2C	TS_COS	0.043	0.003	0.001	-0.932	-0.640	-0.002	0.005	-0.003	0.000	0.000	-0.005	0.015	0.015	0.004	0.008	0.002		
FLAP2C	TS_SIN	0.000	0.006	-0.012	-0.322	-0.366	0.002	0.000	0.023	0.008	0.002	0.068	0.048	0.007	0.006	0.000	0.004		
FLAP3C	TS_COS	-0.053	0.003	0.002	-0.931	-0.638	0.001	0.003	0.019	0.008	-0.007	0.019	0.025	0.010	0.003	0.001	0.000		
FLAP3C	TS_SIN	0.000	0.006	-0.007	-0.321	-0.368	0.000	0.001	0.012	0.016	-0.005	0.051	0.037	-0.004	0.001	0.000	0.002		
FLAP4C	TS_COS	-0.012	0.004	0.002	-0.935	-0.643	-0.002	0.004	0.016	0.004	-0.004	-0.025	0.005	0.013	0.001	0.013	0.003		
FLAP4C	TS_SIN	0.000	0.008	-0.008	-0.320	-0.368	-0.001	0.000	0.033	0.015	0.005	0.069	0.043	0.016	0.004	-0.003	0.006		
FLAP5C	TS_COS	0.070	0.003	0.002	-0.932	-0.642	-0.004	0.003	0.020	0.004	-0.002	0.030	0.038	0.009	-0.001	0.007	-0.001		
FLAP5C	TS_SIN	0.000	0.005	-0.008	-0.319	-0.367	0.003	-0.001	0.022	0.016	-0.002	0.068	0.056	0.009	0.000	-0.002	0.004		

RUN	POINT	Harmonics																
		53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.033	-0.005	0.000	0.000	-0.911	-0.984	0.000	-0.003	0.021	0.005	-0.014	0.035	0.078	0.018	-0.006	0.008	-0.004
FLAP1C	TS_SIN	0.000	0.003	-0.004	0.000	-0.367	-0.036	0.000	-0.002	0.029	-0.012	0.005	0.023	0.031	-0.016	0.005	0.000	0.000
FLAP2C	TS_COS	0.046	-0.007	0.002	0.002	-0.915	-0.988	-0.001	-0.002	-0.006	0.008	-0.002	0.038	0.062	0.027	-0.002	0.017	-0.001
FLAP2C	TS_SIN	0.000	0.003	-0.003	-0.003	-0.367	-0.040	-0.001	-0.004	0.043	-0.019	0.005	0.055	0.053	-0.012	-0.001	0.004	-0.003
FLAP3C	TS_COS	-0.053	-0.003	0.002	0.002	-0.910	-0.983	-0.002	-0.002	0.016	0.007	-0.006	0.038	0.070	0.016	-0.007	0.015	-0.006
FLAP3C	TS_SIN	0.000	0.002	-0.001	-0.001	-0.368	-0.044	0.002	-0.001	0.030	-0.019	0.002	0.020	0.025	-0.018	-0.004	-0.002	0.003
FLAP4C	TS_COS	-0.008	-0.005	0.005	0.005	-0.915	-0.988	-0.002	-0.003	0.008	0.012	-0.003	0.018	0.058	0.033	-0.006	0.016	0.005
FLAP4C	TS_SIN	0.000	0.003	-0.003	-0.003	-0.366	-0.039	0.002	-0.002	0.029	-0.008	0.009	0.053	0.058	-0.006	0.001	0.001	-0.002
FLAP5C	TS_COS	0.069	-0.005	0.003	0.002	-0.913	-0.989	0.002	-0.002	0.025	0.013	-0.002	0.061	0.099	0.027	-0.013	0.011	-0.003
FLAP5C	TS_SIN	0.000	0.002	-0.003	-0.003	-0.368	-0.041	0.000	-0.003	0.030	-0.021	0.015	0.034	0.032	-0.010	0.002	-0.005	0.004
RUN	POINT	Harmonics																
55	54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
FLAP1C	TS_COS	0.032	-0.002	-0.007	-0.928	-0.850	-0.003	-0.001	0.035	-0.016	-0.005	0.053	0.065	-0.011	0.008	-0.003	0.008	
FLAP1C	TS_SIN	0.000	0.000	-0.002	-0.315	0.514	-0.003	-0.003	-0.014	-0.007	0.001	0.000	-0.057	-0.019	0.007	0.000	0.007	
FLAP2C	TS_COS	0.045	-0.002	-0.007	-0.925	-0.857	-0.001	-0.003	0.047	-0.016	0.009	0.074	0.079	-0.014	0.006	-0.002	0.001	
FLAP2C	TS_SIN	0.000	0.002	-0.008	-0.315	0.514	-0.006	0.001	0.011	-0.020	-0.003	0.019	-0.035	-0.027	0.002	-0.012	0.010	
FLAP3C	TS_COS	-0.053	-0.001	-0.002	-0.925	-0.849	0.001	-0.003	0.046	-0.020	0.002	0.048	0.057	-0.014	0.002	-0.006	0.012	
FLAP3C	TS_SIN	0.000	0.000	-0.004	-0.319	0.506	-0.002	0.001	-0.009	-0.009	-0.006	-0.011	-0.056	-0.016	0.003	-0.004	0.008	
FLAP4C	TS_COS	-0.008	-0.001	-0.005	-0.926	-0.859	0.003	-0.004	0.050	-0.008	0.008	0.057	0.083	-0.002	-0.001	0.003	-0.001	
FLAP4C	TS_SIN	0.000	0.000	-0.006	-0.315	0.512	-0.004	0.002	-0.010	-0.013	0.004	0.028	-0.032	-0.025	0.003	-0.016	0.010	
FLAP5C	TS_COS	0.071	-0.002	-0.005	-0.928	-0.854	-0.001	-0.002	0.051	-0.017	0.017	0.073	0.074	-0.010	0.004	-0.008	0.006	
FLAP5C	TS_SIN	0.000	0.001	-0.002	-0.317	0.512	-0.003	-0.001	-0.021	-0.020	0.004	-0.010	-0.077	-0.024	0.007	0.001	0.003	

RUN	POINT	Harmonics																
		55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.049	-0.004	-0.011	-0.011	-0.938	-0.432	-0.005	-0.001	-0.018	-0.006	-0.010	0.041	-0.020	-0.019	0.004	0.013	0.003
FLAP1C	TS_SIN	0.000	0.007	-0.003	-0.003	-0.284	0.888	-0.002	-0.008	-0.030	-0.010	0.011	-0.045	-0.080	0.010	-0.012	0.007	-0.005
FLAP2C	TS_COS	0.061	-0.004	-0.011	-0.011	-0.938	-0.442	-0.007	0.008	0.007	0.000	-0.003	0.069	-0.004	-0.028	0.000	0.002	0.009
FLAP2C	TS_SIN	0.000	0.007	-0.010	-0.010	-0.284	0.890	-0.012	-0.006	-0.049	-0.016	0.002	-0.033	-0.085	0.011	-0.007	0.009	-0.001
FLAP3C	TS_COS	-0.044	-0.002	-0.006	-0.006	-0.938	-0.436	-0.006	0.000	0.008	-0.007	-0.003	0.029	-0.030	-0.015	-0.001	0.009	0.006
FLAP3C	TS_SIN	0.000	0.003	-0.003	-0.003	-0.284	0.881	-0.004	-0.003	-0.037	-0.010	0.002	-0.049	-0.074	0.010	-0.008	0.005	-0.006
FLAP4C	TS_COS	0.004	-0.003	-0.009	-0.009	-0.939	-0.441	-0.010	0.004	0.003	0.000	0.002	0.066	0.006	-0.027	-0.002	0.001	0.007
FLAP4C	TS_SIN	0.000	0.009	-0.005	-0.005	-0.284	0.889	-0.004	-0.007	-0.058	-0.011	0.003	-0.026	-0.087	0.006	-0.009	0.007	0.001
FLAP5C	TS_COS	0.085	-0.002	-0.010	-0.010	-0.938	-0.438	-0.006	0.003	-0.014	-0.010	0.010	0.057	-0.034	-0.023	0.002	0.015	0.000
FLAP5C	TS_SIN	0.000	0.005	-0.004	-0.004	-0.285	0.888	-0.004	-0.007	-0.052	-0.021	0.001	-0.065	-0.098	0.018	-0.006	0.005	-0.006
RUN	POINT	Harmonics																
55	56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15
FLAP1C	TS_COS	0.035	-0.001	-0.009	-0.009	-0.929	0.039	-0.008	-0.007	-0.043	-0.019	-0.005	0.024	-0.080	0.005	-0.012	0.003	-0.001
FLAP1C	TS_SIN	0.000	0.002	-0.001	-0.001	-0.308	0.996	0.003	-0.006	0.010	-0.010	0.006	-0.059	-0.030	0.024	-0.003	-0.012	-0.002
FLAP2C	TS_COS	0.045	0.001	-0.008	-0.008	-0.931	0.034	-0.010	0.000	-0.040	-0.006	0.003	0.040	-0.081	0.007	-0.011	0.004	0.004
FLAP2C	TS_SIN	0.000	0.003	-0.005	-0.005	-0.307	0.999	-0.003	-0.008	-0.029	-0.020	0.005	-0.051	-0.053	0.028	0.006	-0.006	-0.004
FLAP3C	TS_COS	-0.052	0.001	-0.006	-0.006	-0.930	0.033	-0.008	-0.002	-0.024	-0.021	-0.005	0.008	-0.080	0.007	-0.010	0.003	0.004
FLAP3C	TS_SIN	0.000	0.003	-0.002	-0.002	-0.309	0.988	0.000	-0.005	-0.012	-0.008	-0.001	-0.059	-0.021	0.019	0.002	-0.015	-0.003
FLAP4C	TS_COS	-0.010	0.000	-0.007	-0.007	-0.933	0.034	-0.011	-0.005	-0.027	-0.013	-0.004	0.049	-0.076	-0.002	-0.012	-0.001	0.008
FLAP4C	TS_SIN	0.000	0.004	-0.002	-0.002	-0.310	0.996	0.003	-0.006	-0.019	0.004	-0.002	-0.058	-0.053	0.025	0.001	-0.005	0.000
FLAP5C	TS_COS	0.072	0.000	-0.008	-0.008	-0.931	0.033	-0.009	-0.005	-0.045	-0.022	0.002	0.026	-0.106	0.011	-0.005	-0.002	-0.004
FLAP5C	TS_SIN	0.000	0.003	-0.001	-0.001	-0.309	0.995	0.005	-0.006	-0.006	-0.006	-0.007	-0.081	-0.032	0.031	0.003	-0.017	-0.002

RUN	POINT	Harmonics																	
		55	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.026	0.001	0.004	-0.021	0.009	0.004	-0.004	-0.006	-0.005	0.000	0.000	0.000	0.000	0.003	0.000	-0.001	0.001	0.000
	FLAP1C_TS_SIN	0.000	-0.001	-0.008	0.006	0.011	0.007	0.006	0.002	-0.002	0.000	-0.002	-0.001	-0.001	0.000	0.001	-0.001	0.000	0.001
	FLAP2C_TS_COS	0.060	-0.004	0.008	-0.025	0.005	-0.001	-0.005	-0.005	0.000	0.000	0.000	-0.001	-0.001	0.002	0.000	0.001	0.000	-0.002
	FLAP2C_TS_SIN	0.000	0.003	-0.005	0.006	0.017	0.006	0.003	-0.005	0.000	0.000	0.003	0.003	-0.002	0.001	0.000	0.000	0.001	0.001
	FLAP3C_TS_COS	-0.053	0.000	0.002	-0.022	0.004	0.001	-0.004	-0.003	0.001	0.000	0.000	0.000	-0.004	0.001	0.002	-0.001	-0.001	0.000
	FLAP3C_TS_SIN	0.000	0.000	-0.002	0.000	0.014	0.006	0.003	-0.002	-0.001	0.003	-0.001	0.003	-0.001	-0.002	0.001	0.001	-0.001	0.001
	FLAP4C_TS_COS	0.000	0.004	0.007	-0.027	0.002	0.001	-0.005	0.003	0.003	0.000	0.000	-0.004	0.002	0.001	0.000	-0.002	0.000	0.002
	FLAP4C_TS_SIN	0.000	0.002	-0.004	0.006	0.014	0.005	0.002	0.001	0.006	0.006	-0.003	-0.003	-0.004	0.002	0.001	0.000	-0.002	0.002
	FLAP5C_TS_COS	0.067	-0.001	0.009	-0.025	0.006	0.004	-0.008	-0.002	-0.002	0.000	0.002	0.002	0.000	0.000	0.001	-0.001	0.000	0.000
	FLAP5C_TS_SIN	0.000	0.000	-0.002	0.003	0.010	0.008	0.003	-0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.001
RUN	POINT	Harmonics																	
55	64	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
	FLAP1C_TS_COS	0.036	0.003	0.001	-0.006	0.000	0.000	0.001	-0.002	-0.003	-0.001	0.001	0.002	0.000	0.000	-0.001	0.001	0.000	
	FLAP1C_TS_SIN	0.000	-0.003	0.007	0.002	-0.002	-0.002	-0.002	0.002	0.000	-0.001	-0.001	0.000	0.001	0.000	-0.001	-0.001	0.001	
	FLAP2C_TS_COS	0.034	0.004	0.002	-0.005	0.000	0.000	0.001	-0.004	0.001	-0.001	0.000	0.002	-0.001	0.000	0.000	0.001	-0.001	
	FLAP2C_TS_SIN	0.000	-0.003	0.007	0.000	-0.003	-0.001	0.004	-0.001	-0.001	0.002	-0.002	0.001	0.000	-0.001	-0.001	0.001	0.001	
	FLAP3C_TS_COS	-0.060	0.002	0.001	-0.002	0.000	0.000	0.000	-0.001	0.000	0.000	-0.002	0.001	0.001	0.001	-0.001	0.000	0.001	
	FLAP3C_TS_SIN	0.000	-0.002	0.004	0.000	-0.001	-0.001	-0.001	0.000	0.001	0.001	-0.001	-0.002	0.001	0.001	0.001	-0.001	0.000	
	FLAP4C_TS_COS	-0.017	0.004	0.003	-0.005	0.000	0.001	0.001	0.001	-0.004	-0.001	0.002	0.002	0.002	0.000	-0.002	0.001	0.001	
	FLAP4C_TS_SIN	0.000	-0.005	0.007	0.001	-0.002	-0.001	0.001	0.002	0.004	-0.003	-0.003	-0.002	0.001	0.001	0.000	-0.002	0.001	
	FLAP5C_TS_COS	0.068	0.001	0.001	-0.002	0.000	0.000	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	0.000	0.000	
	FLAP5C_TS_SIN	0.000	-0.001	0.005	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

RUN	POINT	Harmonics																	
		55	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.028	0.003	-0.007	0.000	0.000	0.000	0.001	0.000	-0.002	-0.003	-0.001	0.001	0.002	0.000	0.000	-0.001	0.001	0.000
FLAP1C	TS_SIN	0.000	0.009	0.000	-0.003	0.000	-0.001	0.000	0.000	0.002	0.000	0.000	-0.002	-0.001	0.000	0.001	0.000	-0.001	0.001
FLAP2C	TS_COS	0.041	0.002	-0.008	0.001	0.001	0.001	0.001	0.003	-0.001	0.001	0.001	-0.003	0.000	0.002	-0.001	0.001	0.000	-0.001
FLAP2C	TS_SIN	0.000	0.002	-0.003	0.000	0.000	0.000	-0.002	-0.002	-0.002	0.002	0.002	0.002	-0.001	0.001	0.000	-0.001	0.001	0.000
FLAP3C	TS_COS	-0.056	0.003	-0.002	-0.001	0.000	0.000	0.000	-0.001	-0.002	0.002	0.002	0.000	-0.003	0.001	0.002	-0.001	0.000	0.001
FLAP3C	TS_SIN	0.000	0.002	0.000	-0.001	0.000	-0.001	0.000	0.001	-0.002	0.000	0.000	0.003	-0.001	-0.002	0.001	0.001	-0.001	0.000
FLAP4C	TS_COS	-0.016	0.003	-0.005	0.000	-0.001	-0.001	0.001	0.001	0.002	0.002	-0.004	-0.003	0.003	0.002	0.000	-0.002	0.001	0.002
FLAP4C	TS_SIN	0.000	0.005	-0.002	-0.001	-0.001	-0.001	-0.001	0.001	0.002	0.002	0.004	-0.003	-0.002	0.001	0.001	-0.001	-0.002	0.002
FLAP5C	TS_COS	0.067	0.000	-0.004	0.000	0.001	0.001	0.001	0.000	-0.001	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FLAP5C	TS_SIN	0.000	0.004	-0.001	-0.002	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RUN	POINT	Harmonics																	
55	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.027	0.002	-0.002	-0.001	0.000	0.000	0.002	-0.003	0.000	-0.003	-0.002	0.003	0.000	0.000	0.002	0.000	0.000	
FLAP1C	TS_SIN	0.000	-0.004	0.003	-0.001	-0.004	0.000	0.001	0.001	-0.001	0.003	-0.002	0.000	0.000	0.001	-0.001	0.003	0.003	
FLAP2C	TS_COS	0.041	0.003	-0.004	-0.004	0.000	0.000	-0.001	0.000	0.003	-0.002	-0.002	0.001	0.000	0.000	0.000	0.000	0.000	
FLAP2C	TS_SIN	0.000	-0.002	0.004	-0.002	-0.004	0.000	0.002	0.002	0.002	0.007	-0.001	0.001	-0.001	0.001	-0.001	0.002	0.002	
FLAP3C	TS_COS	-0.055	0.003	-0.004	-0.002	0.000	0.001	0.002	-0.001	-0.001	-0.001	-0.004	0.001	-0.001	0.001	0.001	0.001	0.001	
FLAP3C	TS_SIN	0.000	-0.001	0.004	-0.001	-0.003	0.000	0.001	0.006	0.001	0.003	-0.003	-0.001	-0.001	-0.001	0.000	0.001	0.001	
FLAP4C	TS_COS	-0.012	0.003	-0.005	-0.003	0.000	0.001	0.001	0.000	0.001	-0.004	-0.004	0.001	0.000	0.000	0.001	0.001	0.001	
FLAP4C	TS_SIN	0.000	-0.001	0.005	-0.001	-0.004	-0.002	0.001	0.004	0.005	0.005	-0.003	-0.003	0.001	0.000	0.001	0.001	0.002	
FLAP5C	TS_COS	0.067	0.002	-0.002	-0.001	0.001	0.001	-0.001	-0.001	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	
FLAP5C	TS SIN	0.000	0.000	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.001	

RUN	POINT	Harmonics																	
		55	75	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.024	0.003	0.006	-0.007	-0.002	0.000	0.000	0.000	-0.004	-0.001	-0.002	0.001	0.002	0.001	-0.001	0.001	-0.001	-0.001
	FLAP1C_TS_SIN	0.000	-0.004	0.003	0.003	-0.001	0.000	-0.002	0.000	-0.002	0.002	-0.001	0.002	0.000	0.001	0.000	0.000	0.000	0.001
	FLAP2C_TS_COS	0.032	0.003	0.007	-0.008	-0.002	0.002	0.000	0.001	0.000	0.000	-0.004	-0.002	0.001	0.002	0.000	0.001	0.000	0.000
	FLAP2C_TS_SIN	0.000	-0.010	0.006	0.004	-0.003	-0.001	0.001	0.001	0.003	0.002	0.002	-0.001	-0.002	0.000	0.000	0.000	0.000	0.002
	FLAP3C_TS_COS	-0.064	0.004	0.002	-0.005	0.000	0.000	0.000	0.000	-0.001	-0.001	0.000	-0.001	-0.002	0.001	0.001	0.000	0.001	0.000
	FLAP3C_TS_SIN	0.000	-0.004	0.003	0.001	-0.001	0.001	-0.001	-0.001	0.002	0.000	0.000	0.003	-0.002	-0.002	0.000	0.000	0.000	0.001
	FLAP4C_TS_COS	-0.021	0.002	0.009	-0.008	-0.001	-0.002	0.000	0.002	0.002	0.002	-0.004	-0.003	0.004	0.001	-0.001	0.001	0.001	0.001
	FLAP4C_TS_SIN	0.000	-0.010	0.005	0.005	0.000	0.000	-0.001	0.006	0.002	0.002	0.002	0.001	-0.003	0.003	-0.001	-0.001	0.001	0.001
	FLAP5C_TS_COS	0.064	0.003	0.004	-0.004	-0.001	-0.001	0.000	-0.002	-0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
	FLAP5C_TS_SIN	0.000	-0.005	0.004	0.000	0.000	0.000	-0.001	0.002	-0.001	0.002	-0.001	0.001	-0.001	0.000	0.000	0.000	0.000	0.000
RUN	POINT	Harmonics																	
55	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	15
	FLAP1C_TS_COS	0.025	0.001	0.002	-0.002	-0.001	0.001	-0.001	-0.002	-0.003	0.000	0.001	0.002	0.000	0.000	-0.001	0.001	0.000	0.000
	FLAP1C_TS_SIN	0.000	-0.005	0.003	0.001	0.000	0.001	0.000	0.001	-0.001	-0.001	0.000	0.000	0.001	0.001	-0.001	0.000	0.001	0.001
	FLAP2C_TS_COS	0.033	0.001	0.000	0.000	0.000	0.000	0.001	-0.003	0.002	-0.001	-0.001	0.002	0.000	0.000	-0.001	0.001	-0.001	-0.001
	FLAP2C_TS_SIN	0.000	0.000	0.003	0.001	0.000	0.000	0.001	-0.002	-0.001	0.003	-0.001	0.000	0.001	0.001	-0.001	0.000	0.001	0.001
	FLAP3C_TS_COS	-0.058	0.000	0.000	-0.001	-0.001	0.000	0.000	-0.002	0.000	0.000	-0.001	-0.001	0.001	0.001	-0.001	0.000	0.000	0.000
	FLAP3C_TS_SIN	0.000	-0.002	0.001	0.001	0.000	0.000	0.000	-0.001	0.000	0.000	-0.004	0.000	-0.002	0.000	0.000	0.000	0.000	0.001
	FLAP4C_TS_COS	-0.021	0.003	0.003	-0.003	0.000	0.001	0.000	0.000	0.000	-0.004	-0.002	0.004	0.000	-0.001	0.000	0.001	0.001	0.001
	FLAP4C_TS_SIN	0.000	-0.006	0.005	0.002	-0.002	0.000	0.001	0.002	0.002	0.003	-0.004	-0.001	0.002	0.000	-0.001	-0.001	-0.001	0.002
	FLAP5C_TS_COS	0.062	0.001	-0.001	-0.001	-0.002	0.000	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	FLAP5C_TS_SIN	0.000	-0.002	0.002	0.001	0.001	0.000	-0.001	-0.001	-0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
55	79	0.025	0.002	-0.004	0.003	-0.002	0.000	0.000	-0.002	-0.002	0.000	0.002	0.001	0.000	0.000	0.000	0.000
		FLAP1C_TS_COS															
		0.000	0.004	-0.001	0.000	0.004	0.000	0.000	0.000	-0.001	-0.002	0.000	0.001	0.000	0.000	-0.001	0.001
		FLAP1C_TS_SIN															
		0.038	0.002	-0.002	0.002	0.000	-0.001	0.000	-0.003	0.002	0.000	-0.003	0.002	0.001	-0.002	0.001	0.000
		FLAP2C_TS_COS															
		0.000	0.003	0.000	0.000	0.003	0.001	0.000	-0.002	-0.002	0.004	-0.001	-0.001	0.002	-0.001	-0.001	0.001
		FLAP2C_TS_SIN															
		-0.057	0.000	-0.001	0.000	-0.001	0.000	-0.001	-0.001	-0.001	-0.001	-0.001	0.001	0.001	-0.001	0.000	0.000
		FLAP3C_TS_COS															
		0.000	0.002	-0.001	0.000	0.002	0.001	-0.001	0.000	0.000	0.001	0.000	-0.001	0.000	0.000	0.000	0.000
		FLAP3C_TS_SIN															
		-0.020	0.002	-0.002	0.004	-0.001	-0.001	0.001	-0.001	-0.003	-0.002	0.004	0.000	-0.002	0.001	0.000	0.000
		FLAP4C_TS_COS															
		0.000	0.005	-0.002	-0.001	0.004	-0.001	0.000	0.001	0.002	-0.003	-0.001	0.003	-0.002	-0.001	0.001	0.000
		FLAP4C_TS_SIN															
		0.065	0.001	-0.002	0.000	-0.002	0.000	0.000	-0.001	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.000
		FLAP5C_TS_COS															
		0.000	0.004	-0.001	0.001	0.002	0.000	0.000	-0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
		FLAP5C_TS_SIN															
57	34	0.047	-0.003	-0.007	0.004	-0.002	0.000	-0.001	-0.001	-0.004	-0.001	0.002	0.002	0.001	-0.001	0.001	0.000
		FLAP1C_TS_COS															
		0.000	0.006	-0.009	-0.001	0.002	0.003	0.001	0.002	0.000	-0.003	-0.001	0.000	0.002	0.000	0.000	0.001
		FLAP1C_TS_SIN															
		0.063	-0.003	-0.009	0.005	-0.001	-0.004	-0.002	0.003	-0.002	-0.005	0.003	0.002	0.000	0.000	-0.001	0.002
		FLAP2C_TS_COS															
		0.000	0.010	-0.012	-0.002	0.005	0.003	-0.004	-0.001	0.005	-0.002	-0.003	0.002	0.000	0.001	-0.001	0.000
		FLAP2C_TS_SIN															
		-0.037	-0.006	-0.004	-0.001	-0.004	0.000	0.000	-0.002	0.001	0.000	-0.002	0.001	0.002	-0.001	0.000	0.000
		FLAP3C_TS_COS															
		0.000	0.001	-0.006	0.000	0.003	0.001	0.001	-0.001	-0.001	0.002	0.000	-0.002	0.000	0.001	-0.001	0.000
		FLAP3C_TS_SIN															
		0.005	0.000	-0.009	0.004	-0.001	-0.001	-0.003	0.004	-0.002	-0.006	0.004	0.003	0.000	-0.002	0.000	0.003
		FLAP4C_TS_COS															
		0.000	0.007	-0.009	-0.003	0.004	0.003	-0.002	-0.001	0.007	-0.003	-0.004	0.002	0.001	0.000	-0.003	0.002
		FLAP4C_TS_SIN															
		0.093	-0.001	-0.004	-0.003	-0.001	-0.002	-0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000
		FLAP5C_TS_COS															
		0.000	-0.002	-0.005	-0.003	0.001	0.003	0.000	-0.001	0.000	0.000	0.001	0.000	0.000	0.000	-0.001	0.000
		FLAP5C_TS_SIN															

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
57	36	0.031	0.002	0.038	-1.414	0.000	-0.002	-0.002	0.019	0.005	0.020	0.032	0.004	-0.008	-0.014	0.020	0.002	
		0.000	-0.005	0.992	-0.436	0.000	0.003	0.000	0.011	-0.029	0.031	-0.033	-0.012	-0.007	-0.017	0.007	0.004	
		0.038	0.002	0.040	-1.412	0.001	-0.003	-0.002	-0.001	0.022	0.020	0.035	0.015	-0.001	-0.004	0.014	0.001	
		0.000	-0.007	0.989	-0.436	0.000	0.005	-0.001	0.006	-0.046	0.040	-0.018	-0.018	-0.003	-0.014	0.012	0.007	
		-0.056	0.001	0.038	-1.407	-0.001	-0.001	-0.001	0.013	-0.001	0.035	0.018	0.012	-0.010	-0.016	0.021	0.000	
		0.000	-0.006	0.985	-0.435	-0.002	0.002	0.001	0.011	-0.040	0.025	-0.023	-0.017	0.004	-0.021	0.007	-0.002	
		-0.014	0.002	0.041	-1.418	-0.001	-0.003	-0.002	0.006	0.018	0.024	0.025	0.019	0.000	0.008	0.000	0.009	
		0.000	-0.007	0.994	-0.436	-0.001	0.005	-0.002	0.035	-0.052	0.054	-0.009	-0.022	0.001	-0.018	0.008	0.002	
57	40	0.068	0.003	0.039	-1.411	0.000	-0.003	-0.001	-0.013	0.001	0.050	0.031	0.001	-0.013	0.001	0.017	0.009	
		0.000	-0.005	0.992	-0.438	0.003	0.005	0.000	0.027	-0.087	0.044	-0.033	-0.022	-0.004	-0.025	0.013	0.000	
		Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			0.030	0.002	0.023	-1.411	0.003	0.001	0.000	0.024	0.006	0.020	0.036	0.007	-0.007	-0.011	0.019	0.002
			0.000	0.000	0.987	-0.445	0.001	0.000	-0.002	0.013	-0.029	0.030	-0.037	-0.013	-0.008	-0.018	0.009	0.006
			0.038	0.002	0.025	-1.412	0.004	0.002	0.001	0.007	0.023	0.018	0.037	0.018	0.001	-0.001	0.011	-0.001
			0.000	-0.001	0.985	-0.446	-0.002	0.001	-0.002	0.008	-0.044	0.039	-0.018	-0.017	-0.002	-0.013	0.014	0.009
			-0.055	0.001	0.028	-1.406	0.002	0.000	0.000	0.017	-0.001	0.033	0.019	0.017	-0.010	-0.012	0.022	0.000
0.000	-0.002		0.983	-0.446	-0.001	0.000	-0.001	0.009	-0.039	0.026	-0.025	-0.019	0.006	-0.022	0.011	0.000		
-0.015	0.003		0.027	-1.417	0.001	0.000	-0.001	0.014	0.017	0.024	0.026	0.021	0.002	0.010	-0.002	0.009		
57	TS SIN	0.000	-0.001	0.991	-0.445	-0.002	0.001	-0.003	0.035	-0.049	0.053	-0.012	-0.021	0.000	-0.016	0.011	0.003	
		0.067	0.003	0.026	-1.411	0.002	0.000	0.001	-0.008	0.004	0.050	0.033	0.003	-0.011	0.002	0.017	0.009	
		0.000	-0.002	0.989	-0.446	0.002	0.000	-0.002	0.027	-0.083	0.043	-0.037	-0.021	-0.004	-0.025	0.014	0.002	

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
57	42	FLAP1C_TS_COS	0.039	0.003	-0.003	-0.942	-0.030	0.001	0.000	0.020	-0.044	0.005	-0.029	-0.005	0.000	-0.003	0.011	-0.008	
		FLAP1C_TS_SIN	0.000	-0.001	0.005	-0.295	-0.497	0.002	0.001	0.028	0.027	0.017	0.034	0.006	0.010	-0.003	0.008	0.006	
		FLAP2C_TS_COS	0.047	0.003	-0.002	-0.939	-0.032	0.000	0.000	0.004	-0.038	0.009	-0.051	-0.007	-0.002	-0.008	0.008	-0.006	
		FLAP2C_TS_SIN	0.000	-0.002	0.003	-0.295	-0.497	-0.001	0.001	0.013	0.006	0.021	0.042	-0.001	0.013	-0.004	0.001	0.013	
		FLAP3C_TS_COS	-0.049	0.001	0.000	-0.937	-0.031	0.001	0.000	0.027	-0.032	0.012	-0.026	-0.009	0.002	-0.011	0.008	0.002	
		FLAP3C_TS_SIN	0.000	-0.001	0.003	-0.296	-0.496	-0.001	0.001	0.015	0.031	0.014	0.044	0.000	0.010	0.001	-0.003	0.008	
		FLAP4C_TS_COS	-0.003	0.003	0.000	-0.944	-0.033	0.001	0.000	0.014	-0.045	0.011	-0.070	-0.008	-0.001	-0.007	0.005	-0.005	
		FLAP4C_TS_SIN	0.000	-0.002	0.004	-0.293	-0.499	0.001	0.001	0.041	0.011	0.026	0.034	-0.016	0.012	-0.003	0.006	0.014	
57	43	FLAP5C_TS_COS	0.078	0.002	-0.002	-0.941	-0.033	-0.001	0.001	0.008	-0.039	0.019	-0.033	-0.011	-0.006	-0.004	0.010	-0.005	
		FLAP5C_TS_SIN	0.000	-0.003	0.003	-0.295	-0.494	-0.001	0.001	0.024	0.019	0.021	0.048	0.003	0.011	-0.007	0.006	0.006	
		FLAP1C_TS_COS	0.024	-0.002	0.024	-1.416	-0.035	-0.003	0.001	0.010	-0.054	0.021	-0.015	0.004	0.004	0.011	0.009	-0.007	
		FLAP1C_TS_SIN	0.000	-0.010	0.005	-0.431	-0.494	-0.003	-0.004	0.025	0.029	0.040	0.031	0.010	0.010	-0.004	0.004	0.006	
		FLAP2C_TS_COS	0.027	-0.001	0.027	-1.415	-0.033	0.000	0.000	-0.010	-0.064	0.022	-0.027	0.005	-0.005	-0.002	0.005	0.002	
		FLAP2C_TS_SIN	0.000	-0.011	0.007	-0.431	-0.499	-0.002	-0.004	0.012	0.011	0.052	0.047	0.005	0.008	0.010	0.006	0.009	
		FLAP3C_TS_COS	-0.063	-0.001	0.023	-1.405	-0.034	0.000	0.002	0.026	-0.052	0.035	-0.014	0.003	0.006	-0.005	0.008	-0.002	
		FLAP3C_TS_SIN	0.000	-0.012	0.003	-0.432	-0.496	-0.005	-0.001	0.020	0.032	0.031	0.039	0.003	0.014	-0.005	-0.007	0.008	
57	POINT	FLAP4C_TS_COS	-0.021	0.000	0.029	-1.419	-0.034	0.000	0.000	0.010	-0.076	0.030	-0.056	0.001	-0.003	0.000	0.008	0.003	
		FLAP4C_TS_SIN	0.000	-0.009	0.007	-0.432	-0.498	0.000	-0.004	0.049	0.010	0.065	0.041	-0.007	0.011	0.006	0.012	0.011	
		FLAP5C_TS_COS	0.061	0.000	0.021	-1.414	-0.033	-0.003	-0.001	0.003	-0.056	0.048	-0.024	-0.003	-0.001	0.009	0.007	-0.002	
57	POINT	Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		FLAP5C_TS_SIN	0.000	-0.007	0.007	-0.433	-0.492	-0.001	-0.003	0.029	0.023	0.023	0.049	0.056	0.009	0.014	-0.004	0.002	0.005

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
57	44	0.033	-0.001	-0.008	-1.406	-0.037	0.000	-0.001	0.011	-0.046	-0.002	-0.023	-0.014	0.008	0.006	0.009	-0.006	
		0.000	0.000	-0.003	-0.454	-0.738	0.001	-0.001	0.028	0.031	0.027	0.042	0.009	0.006	0.000	0.012	0.004	
		0.041	-0.001	-0.007	-1.402	-0.035	0.001	0.001	-0.007	-0.054	-0.004	-0.035	-0.017	0.004	-0.005	-0.001	-0.001	
		0.000	-0.002	-0.004	-0.456	-0.741	0.002	-0.001	0.016	0.013	0.023	0.060	0.004	0.008	0.007	0.008	0.012	
		-0.052	-0.001	-0.004	-1.398	-0.037	-0.001	0.001	0.034	-0.042	0.011	-0.018	-0.012	0.006	-0.011	0.014	0.002	
		0.000	0.000	-0.005	-0.452	-0.737	0.000	-0.001	0.022	0.040	0.015	0.048	0.006	0.010	-0.003	-0.007	0.006	
		-0.010	0.000	-0.003	-1.409	-0.038	0.004	0.001	0.009	-0.068	0.006	-0.063	-0.021	0.006	-0.004	0.000	0.001	
		0.000	-0.002	-0.002	-0.453	-0.744	0.000	0.001	0.059	0.011	0.033	0.046	-0.014	0.006	0.009	0.014	0.014	
57	45	0.069	0.000	-0.004	-1.406	-0.039	-0.002	0.000	0.005	-0.049	0.023	-0.032	-0.028	0.000	0.000	0.007	0.003	
		0.000	-0.002	-0.002	-0.452	-0.736	0.001	-0.001	0.035	0.027	0.035	0.072	0.010	0.007	0.001	0.005	0.008	
		Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			0.034	0.001	-0.016	-0.468	-0.053	0.001	0.003	0.019	-0.038	-0.009	-0.012	-0.023	-0.005	-0.031	0.007	-0.002
			0.000	0.004	-0.003	-0.156	-0.981	-0.004	0.006	0.054	0.015	0.005	-0.011	-0.012	-0.041	0.003	0.010	0.012
			0.042	0.001	-0.014	-0.466	-0.053	0.001	0.004	-0.005	-0.036	-0.004	-0.007	-0.028	0.016	-0.025	0.002	-0.006
			0.000	0.004	-0.004	-0.153	-0.983	-0.007	0.008	0.046	-0.004	0.016	0.000	-0.031	-0.040	0.000	0.001	0.013
			-0.051	0.000	-0.014	-0.469	-0.049	0.004	-0.001	0.034	-0.022	-0.009	-0.012	-0.030	-0.005	-0.028	0.004	0.009
Harmonics	0.000	0.005	0.000	-0.155	-0.984	-0.001	0.007	0.042	0.024	0.003	-0.008	-0.016	-0.045	0.009	0.003	0.014		
	-0.008	0.000	-0.015	-0.466	-0.054	-0.001	0.002	-0.001	-0.041	0.004	-0.031	-0.022	0.026	-0.026	-0.001	-0.009		
	0.000	0.005	-0.004	-0.151	-0.985	-0.007	0.009	0.077	-0.001	0.010	-0.005	-0.043	-0.035	0.000	0.004	0.016		
	0.072	0.000	-0.016	-0.473	-0.053	0.005	-0.001	0.016	-0.037	0.007	-0.020	-0.032	-0.006	-0.028	0.008	0.002		
	0.000	0.002	0.000	-0.155	-0.985	-0.001	0.007	0.058	0.008	0.010	0.002	-0.016	-0.044	0.001	0.007	0.018		

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
57	46																
		0.040	-0.002	-0.004	-0.477	-0.051	-0.001	0.000	0.019	-0.038	-0.008	-0.012	-0.022	-0.006	-0.032	0.008	-0.003
		0.000	-0.001	-0.004	-0.146	-0.994	0.002	0.001	0.057	0.016	0.007	-0.012	-0.011	-0.041	0.001	0.013	0.011
		0.046	-0.002	-0.003	-0.475	-0.045	-0.002	0.003	-0.009	-0.038	-0.002	-0.005	-0.027	0.016	-0.025	0.002	-0.006
		0.000	-0.004	-0.007	-0.146	-0.995	0.000	0.003	0.048	-0.006	0.018	0.000	-0.029	-0.040	-0.002	0.001	0.014
		-0.050	-0.003	-0.003	-0.473	-0.050	0.001	-0.001	0.034	-0.022	-0.006	-0.010	-0.029	-0.006	-0.028	0.003	0.009
		0.000	-0.003	-0.004	-0.147	-0.989	-0.001	0.004	0.043	0.025	0.003	-0.008	-0.015	-0.045	0.008	0.003	0.015
		-0.004	-0.001	-0.004	-0.477	-0.044	-0.002	0.000	0.000	-0.044	0.006	-0.030	-0.021	0.026	-0.026	-0.001	-0.009
		0.000	-0.003	-0.006	-0.144	-0.998	0.000	0.004	0.081	-0.001	0.011	-0.008	-0.042	-0.037	-0.002	0.003	0.018
		0.078	-0.002	-0.005	-0.477	-0.051	0.002	-0.001	0.013	-0.036	0.010	-0.019	-0.031	-0.007	-0.030	0.008	0.001
		0.000	-0.003	-0.003	-0.148	-0.993	0.002	0.002	0.058	0.008	0.011	0.003	-0.014	-0.045	0.001	0.008	0.018
57	54																
		0.028	-0.002	0.001	0.003	0.000	0.001	0.001	-0.001	-0.004	-0.001	0.001	0.002	0.001	-0.001	0.000	0.000
		0.000	0.000	-0.003	0.001	0.003	0.000	0.000	0.003	0.000	-0.002	-0.001	-0.001	0.001	0.000	-0.001	0.001
		0.042	-0.002	0.001	0.002	0.000	0.001	0.001	0.000	-0.002	-0.003	0.002	0.001	-0.001	0.000	0.000	0.001
		0.000	0.000	-0.002	0.001	0.002	0.000	-0.001	0.001	0.003	-0.001	-0.002	0.001	0.000	0.000	0.000	0.000
		-0.052	-0.003	0.001	0.001	0.000	0.001	0.001	-0.003	0.000	0.001	-0.003	0.000	0.002	0.000	-0.001	0.001
		0.000	0.000	-0.002	0.001	0.003	-0.001	0.001	0.000	-0.001	0.003	0.001	-0.003	-0.001	0.002	0.000	0.000
		-0.015	0.000	0.000	0.002	-0.001	0.000	-0.001	0.002	-0.002	-0.004	0.003	0.002	-0.001	-0.001	0.000	0.003
		0.000	0.002	-0.002	0.001	0.003	0.000	0.000	0.000	0.005	-0.002	-0.003	0.002	0.001	0.000	-0.002	0.001
		0.067	-0.001	0.000	0.001	-0.001	0.001	0.000	-0.001	-0.001	0.000	0.001	0.000	0.000	-0.001	0.000	0.001
		0.000	0.000	-0.001	0.002	0.002	-0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.001	-0.001	0.000

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
57	55																
	FLAP1C_TS_COS	0.027	0.001	0.045	0.001	0.001	0.005	0.000	0.006	-0.012	0.001	0.007	-0.001	-0.001	-0.006	0.004	0.000
	FLAP1C_TS_SIN	0.000	-0.002	1.483	-0.002	0.000	-0.003	0.001	0.017	0.017	0.004	-0.032	0.007	0.005	-0.003	-0.003	0.002
	FLAP2C_TS_COS	0.035	0.000	0.043	0.000	0.001	0.003	-0.001	-0.006	0.005	0.007	0.017	-0.004	-0.006	-0.005	0.009	0.001
	FLAP2C_TS_SIN	0.000	0.000	1.480	-0.002	0.002	-0.003	0.001	-0.002	0.005	0.016	-0.021	0.002	0.001	-0.005	-0.010	0.002
	FLAP3C_TS_COS	-0.056	0.000	0.042	-0.001	0.002	0.004	0.000	-0.005	-0.010	0.002	-0.004	-0.002	-0.001	-0.003	0.000	0.001
	FLAP3C_TS_SIN	0.000	-0.001	1.480	-0.002	0.000	-0.002	0.001	0.009	0.005	0.007	-0.029	0.003	0.001	-0.007	0.001	0.003
	FLAP4C_TS_COS	-0.016	0.000	0.044	0.000	-0.001	0.003	-0.002	0.010	0.007	0.009	0.005	-0.004	-0.001	0.002	0.009	-0.002
	FLAP4C_TS_SIN	0.000	-0.003	1.486	0.001	0.001	-0.004	0.001	0.006	0.010	0.019	-0.019	0.000	-0.002	-0.004	-0.008	0.003
	FLAP5C_TS_COS	0.066	0.003	0.042	0.003	0.003	0.003	-0.001	0.003	-0.010	0.010	0.003	-0.006	-0.001	-0.006	0.006	0.000
	FLAP5C_TS_SIN	0.000	-0.002	1.483	-0.002	0.002	-0.003	-0.001	0.001	0.008	0.003	-0.031	0.005	0.002	-0.005	-0.007	0.006
57	56																
RUN	POINT	Harmonics															
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	15
	FLAP1C_TS_COS	0.029	0.003	0.782	-0.001	0.006	0.001	-0.006	-0.003	-0.008	-0.010	0.016	0.001	0.001	0.002	0.007	-0.002
	FLAP1C_TS_SIN	0.000	-0.003	1.262	-0.002	-0.001	0.004	0.003	0.006	0.012	0.001	0.019	0.001	0.007	-0.001	0.000	0.000
	FLAP2C_TS_COS	0.038	0.002	0.780	-0.004	0.004	0.000	0.001	-0.021	-0.003	-0.002	-0.018	0.019	0.000	-0.008	0.003	0.000
	FLAP2C_TS_SIN	0.000	-0.003	1.264	-0.001	0.000	0.003	0.003	0.005	0.003	-0.001	0.011	0.004	0.016	0.000	0.007	-0.002
	FLAP3C_TS_COS	-0.054	-0.001	0.777	0.000	0.003	0.002	0.003	0.002	-0.010	0.000	-0.008	0.009	0.005	-0.002	0.003	-0.002
	FLAP3C_TS_SIN	0.000	-0.001	1.258	0.000	-0.001	0.001	0.004	0.011	0.011	-0.003	0.025	-0.003	0.009	0.003	-0.004	-0.001
	FLAP4C_TS_COS	-0.013	0.002	0.784	-0.001	0.006	-0.001	0.002	-0.009	0.001	0.002	-0.019	0.018	-0.001	-0.009	-0.001	0.005
	FLAP4C_TS_SIN	0.000	-0.004	1.268	0.000	0.001	0.002	0.003	-0.001	0.013	-0.002	0.005	0.012	0.014	-0.007	0.007	-0.005
	FLAP5C_TS_COS	0.069	0.003	0.783	0.000	0.006	0.001	0.001	-0.007	-0.004	-0.005	-0.006	0.015	0.006	0.003	-0.002	-0.004
	FLAP5C TS SIN	0.000	-0.004	1.264	-0.001	0.000	0.002	0.004	0.004	0.014	-0.003	0.021	-0.001	0.008	0.003	-0.001	-0.004

RUN	POINT	Harmonics																
		57	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
FLAP1C	TS_COS	0.027	-0.001	1.295	0.007	-0.006	-0.001	-0.001	-0.001	-0.007	-0.010	-0.002	0.035	0.001	0.005	-0.008	0.001	0.001
FLAP1C	TS_SIN	0.000	0.006	0.690	-0.002	0.005	0.000	0.000	0.010	0.010	0.013	0.004	-0.018	-0.002	0.004	-0.001	-0.003	0.001
FLAP2C	TS_COS	0.034	-0.003	1.291	0.006	-0.006	-0.002	-0.001	-0.019	-0.013	-0.013	-0.001	0.027	0.009	0.013	0.000	0.004	-0.001
FLAP2C	TS_SIN	0.000	0.006	0.689	-0.002	0.003	-0.001	0.000	0.018	0.003	0.003	0.010	-0.001	-0.013	0.001	0.002	-0.011	0.004
FLAP3C	TS_COS	-0.057	-0.003	1.293	0.004	-0.004	-0.001	0.000	-0.001	-0.008	-0.008	-0.002	0.029	0.003	0.006	-0.003	-0.002	-0.001
FLAP3C	TS_SIN	0.000	0.006	0.694	0.001	0.003	-0.001	0.000	0.002	0.011	0.007	0.002	-0.025	-0.005	0.001	0.000	0.007	-0.001
FLAP4C	TS_COS	-0.016	-0.005	1.296	0.009	-0.008	-0.001	0.000	-0.020	-0.007	-0.007	0.002	0.019	0.018	0.015	-0.004	0.003	-0.006
FLAP4C	TS_SIN	0.000	0.006	0.690	-0.001	0.004	-0.003	0.001	0.014	0.008	0.008	0.003	-0.005	-0.013	0.010	-0.002	-0.005	0.003
FLAP5C	TS_COS	0.065	-0.001	1.297	0.006	-0.004	-0.002	0.001	-0.008	-0.007	-0.007	-0.003	0.035	0.005	0.006	-0.002	-0.001	-0.002
FLAP5C	TS_SIN	0.000	0.003	0.693	-0.002	0.002	0.000	0.001	0.005	0.012	0.003	0.003	-0.032	-0.007	0.002	-0.003	0.002	0.003
RUN	POINT	Harmonics																
57	58	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15
FLAP1C	TS_COS	0.029	-0.001	1.479	-0.001	-0.003	0.002	0.001	0.002	-0.005	-0.010	-0.010	-0.020	0.015	0.001	-0.003	-0.004	-0.009
FLAP1C	TS_SIN	0.000	0.002	-0.039	-0.006	-0.001	-0.003	-0.002	0.003	0.011	-0.007	-0.007	-0.007	0.008	0.005	0.007	0.000	0.000
FLAP2C	TS_COS	0.037	-0.001	1.479	-0.001	-0.002	0.003	0.002	0.006	-0.013	-0.014	-0.014	-0.016	0.010	-0.005	0.000	0.005	-0.003
FLAP2C	TS_SIN	0.000	0.002	-0.038	-0.005	-0.003	-0.002	-0.002	0.013	0.019	-0.006	-0.006	-0.019	0.009	0.001	-0.001	0.004	-0.005
FLAP3C	TS_COS	-0.056	-0.002	1.477	0.000	-0.003	0.001	0.001	-0.004	-0.005	-0.010	-0.010	-0.034	0.008	0.003	0.000	-0.001	-0.005
FLAP3C	TS_SIN	0.000	0.003	-0.038	-0.001	-0.001	-0.003	-0.002	0.007	0.008	0.008	-0.002	-0.005	0.000	0.000	-0.001	0.002	0.000
FLAP4C	TS_COS	-0.013	-0.003	1.485	0.001	-0.004	0.002	0.001	0.000	-0.009	-0.006	-0.006	-0.018	0.009	0.002	-0.003	0.004	-0.003
FLAP4C	TS_SIN	0.000	0.003	-0.041	-0.005	0.000	-0.003	-0.002	0.013	0.011	-0.008	-0.008	-0.021	0.007	0.000	0.002	0.008	-0.006
FLAP5C	TS_COS	0.068	-0.001	1.484	0.002	-0.002	0.001	0.002	-0.010	-0.006	-0.011	-0.011	-0.033	0.014	0.003	0.001	-0.008	-0.007
FLAP5C	TS_SIN	0.000	0.001	-0.038	-0.005	-0.001	-0.002	-0.002	-0.005	0.010	0.002	0.010	-0.001	0.008	-0.004	-0.001	-0.003	-0.002

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.033	0.001	1.257	0.002	-0.002	-0.001	0.000	0.000	-0.003	0.003	0.030	0.015	0.001	-0.008	0.006	-0.007		
FLAP1C	TS_SIN	0.000	0.000	-0.775	-0.003	0.004	-0.002	-0.001	-0.009	-0.009	0.020	0.009	-0.004	0.008	0.002	0.005	0.006		
FLAP2C	TS_COS	0.044	0.000	1.256	0.003	-0.001	-0.002	0.000	-0.001	0.010	-0.012	0.015	0.011	0.001	-0.003	-0.007	-0.002		
FLAP2C	TS_SIN	0.000	0.002	-0.776	-0.002	0.003	-0.003	-0.016	0.013	0.013	0.024	0.021	-0.008	0.001	-0.003	-0.004	0.002		
FLAP3C	TS_COS	-0.052	0.000	1.256	0.003	0.000	-0.001	0.001	-0.001	-0.001	-0.004	0.026	0.009	0.000	-0.004	0.006	-0.001		
FLAP3C	TS_SIN	0.000	0.003	-0.772	-0.001	0.003	0.000	-0.002	0.007	0.007	0.014	0.009	-0.006	0.003	0.000	0.005	0.004		
FLAP4C	TS_COS	-0.006	-0.002	1.258	0.006	-0.001	-0.002	0.000	0.002	0.000	-0.009	0.011	0.012	0.001	-0.003	-0.009	-0.003		
FLAP4C	TS_SIN	0.000	0.004	-0.782	-0.005	0.007	-0.001	-0.002	-0.016	0.010	0.015	0.020	-0.004	0.006	-0.003	0.000	0.001		
FLAP5C	TS_COS	0.072	0.000	1.258	0.003	-0.001	0.000	-0.001	-0.006	0.000	-0.002	0.041	0.009	-0.003	-0.009	0.000	-0.002		
FLAP5C	TS_SIN	0.000	0.001	-0.776	-0.004	0.003	-0.001	0.000	-0.004	0.010	0.016	0.015	-0.005	0.003	0.004	0.000	-0.001		
RUN	POINT	Harmonics																	
57	60	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.033	0.003	0.696	-0.007	0.001	-0.002	0.001	-0.016	-0.007	0.016	-0.009	0.008	-0.004	0.000	0.000	-0.001		
FLAP1C	TS_SIN	0.000	-0.003	-1.301	0.005	0.002	-0.002	-0.002	-0.001	0.003	0.000	-0.036	-0.005	0.007	-0.001	0.005	-0.004		
FLAP2C	TS_COS	0.041	0.003	0.699	-0.008	0.003	0.001	-0.001	-0.023	0.001	0.016	0.003	0.004	-0.002	-0.007	0.012	0.007		
FLAP2C	TS_SIN	0.000	-0.002	-1.301	0.005	-0.001	0.001	-0.001	-0.016	0.007	0.008	-0.023	-0.012	0.005	0.000	-0.004	0.002		
FLAP3C	TS_COS	-0.055	0.002	0.698	-0.002	0.000	-0.004	0.001	-0.019	0.010	0.003	-0.010	0.000	0.003	-0.004	-0.002	-0.003		
FLAP3C	TS_SIN	0.000	-0.002	-1.299	0.003	0.002	-0.002	-0.001	-0.006	0.008	0.006	-0.032	-0.007	0.004	0.000	0.000	-0.001		
FLAP4C	TS_COS	-0.010	0.003	0.699	-0.007	0.003	-0.001	-0.001	-0.004	-0.008	0.015	0.003	0.004	0.001	-0.002	0.012	0.004		
FLAP4C	TS_SIN	0.000	0.000	-1.305	0.002	0.000	0.001	0.000	-0.008	0.016	-0.003	-0.025	-0.012	0.004	0.000	0.001	-0.003		
FLAP5C	TS_COS	0.071	0.002	0.697	-0.006	0.001	-0.003	0.001	-0.009	-0.001	0.011	-0.017	0.000	0.003	-0.005	-0.002	-0.005		
FLAP5C	TS_SIN	0.000	-0.002	-1.304	0.003	0.002	-0.001	0.000	-0.004	0.014	-0.004	-0.028	-0.004	0.008	-0.002	0.001	-0.004		

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
57	61	0.025	0.000	-0.046	-0.005	0.003	0.002	0.000	-0.008	0.005	-0.005	0.000	0.007	0.000	-0.001	0.010	-0.001		
		0.000	-0.002	-1.476	-0.002	-0.003	0.000	0.002	0.005	0.004	0.000	0.016	-0.006	0.009	-0.003	0.000	-0.004		
		0.031	0.001	-0.043	-0.006	0.004	0.004	-0.001	-0.015	0.011	-0.008	-0.005	-0.011	0.010	-0.005	0.000	-0.002		
		0.000	-0.004	-1.473	-0.003	-0.005	0.001	0.002	-0.005	0.007	0.004	0.028	-0.010	-0.004	0.007	0.004	0.001		
		-0.061	0.000	-0.042	-0.002	0.002	0.001	0.000	-0.023	0.022	-0.005	-0.002	-0.001	0.004	-0.003	0.002	0.003		
		0.000	-0.001	-1.473	-0.003	-0.002	-0.002	-0.001	-0.002	-0.006	0.012	0.009	-0.002	-0.002	0.004	-0.009	-0.001		
		-0.018	0.001	-0.044	-0.006	0.004	0.004	0.000	-0.003	0.008	-0.012	-0.012	-0.011	0.003	-0.009	0.006	-0.008		
		0.000	0.000	-1.481	-0.004	-0.004	-0.002	0.002	-0.011	0.014	-0.007	0.019	-0.004	0.003	0.000	0.004	0.006		
57	62	0.063	-0.002	-0.044	-0.004	0.003	0.001	0.001	-0.008	0.013	-0.013	0.003	-0.002	0.007	-0.008	0.005	-0.002		
		0.000	0.001	-1.479	-0.002	-0.002	0.000	0.002	-0.009	0.009	0.007	0.021	-0.005	0.004	0.006	-0.012	0.001		
		Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
			0.027	0.003	-0.772	-0.012	0.000	-0.002	-0.003	-0.013	0.000	0.003	0.020	-0.007	0.008	-0.002	0.001	-0.009	
			0.000	-0.006	-1.255	0.006	-0.009	0.004	-0.001	0.013	0.002	0.005	-0.030	-0.007	-0.004	0.002	0.001	0.003	
			0.033	0.006	-0.768	-0.013	-0.002	0.000	-0.002	-0.018	0.000	0.002	0.042	-0.011	0.005	0.003	0.004	-0.004	
			0.000	-0.007	-1.250	0.005	-0.012	0.002	-0.001	0.005	-0.002	0.009	-0.018	0.002	-0.008	0.004	-0.015	0.005	
			-0.060	0.005	-0.767	-0.007	-0.001	-0.004	-0.004	-0.022	0.003	0.009	0.003	-0.004	0.004	0.000	-0.007	-0.005	
0.000	-0.005		-1.253	0.003	-0.004	0.002	-0.002	0.017	-0.013	0.015	-0.035	-0.005	-0.003	-0.003	0.002	0.001			
-0.016	0.005		-0.773	-0.013	-0.002	-0.002	-0.002	-0.017	-0.004	-0.003	0.035	-0.009	0.006	0.001	0.007	-0.002			
57	POINT	TS	SIN	0.000	-0.003	-1.256	0.004	-0.009	0.002	-0.003	0.004	-0.018	0.008	-0.007	0.000	-0.016	0.008		
				0.066	0.000	-0.773	-0.009	-0.004	-0.004	0.002	-0.014	0.011	0.001	0.012	-0.012	0.012	0.004	-0.005	-0.003
				0.000	-0.002	-1.260	0.004	-0.006	0.000	-0.002	0.002	0.003	0.014	-0.040	-0.005	-0.012	0.003	-0.003	0.005

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
57	63																
	FLAP1C_TS_COS	0.025	0.002	-1.304	-0.001	-0.003	-0.003	-0.002	-0.015	-0.004	-0.011	-0.010	0.006	0.004	-0.004	-0.004	0.000
	FLAP1C_TS_SIN	0.000	-0.001	-0.703	0.003	0.000	0.000	-0.003	0.018	0.005	0.001	-0.001	0.006	-0.003	0.002	-0.004	0.008
	FLAP2C_TS_COS	0.034	0.004	-1.300	-0.003	-0.001	0.002	-0.002	-0.017	-0.003	-0.008	-0.018	0.011	-0.004	0.001	-0.004	0.009
	FLAP2C_TS_SIN	0.000	-0.004	-0.703	0.001	-0.002	0.001	-0.002	0.017	0.003	0.006	-0.016	0.010	-0.004	0.000	0.002	0.002
	FLAP3C_TS_COS	-0.061	0.004	-1.297	-0.002	-0.001	-0.001	-0.002	-0.005	-0.003	0.002	-0.029	0.005	0.006	-0.001	-0.006	-0.004
	FLAP3C_TS_SIN	0.000	-0.003	-0.701	0.000	-0.001	0.002	-0.002	0.023	0.001	0.007	0.008	-0.008	0.001	-0.005	0.000	0.003
	FLAP4C_TS_COS	-0.017	0.004	-1.305	-0.003	-0.003	-0.002	-0.001	-0.013	-0.005	-0.012	-0.021	0.009	-0.001	-0.007	-0.001	0.012
	FLAP4C_TS_SIN	0.000	-0.002	-0.708	0.002	-0.001	0.000	-0.003	0.018	0.015	-0.003	-0.023	0.013	-0.001	0.003	0.001	0.004
	FLAP5C_TS_COS	0.063	0.004	-1.303	-0.003	-0.002	0.000	-0.002	-0.016	0.007	-0.003	-0.027	0.003	0.001	0.006	-0.009	0.001
	FLAP5C_TS_SIN	0.000	-0.001	-0.703	0.002	-0.003	0.002	-0.003	0.011	-0.003	0.013	0.010	-0.001	-0.004	0.003	-0.002	0.003
RUN	POINT	Harmonics															
57	64																
	FLAP1C_TS_COS	0.022	0.000	-1.491	0.012	0.001	0.000	0.001	-0.030	-0.008	-0.003	0.038	0.009	0.008	0.002	-0.009	0.004
	FLAP1C_TS_SIN	0.000	0.004	0.028	-0.006	0.004	0.001	0.002	0.023	0.004	0.004	-0.019	-0.013	-0.010	0.003	0.014	-0.001
	FLAP2C_TS_COS	0.032	-0.001	-1.491	0.008	-0.001	0.004	0.003	-0.019	0.000	-0.001	0.024	0.012	0.003	0.006	-0.013	-0.005
	FLAP2C_TS_SIN	0.000	0.005	0.030	-0.008	0.000	0.000	0.003	0.018	-0.003	0.014	0.000	-0.010	-0.001	-0.002	0.004	-0.005
	FLAP3C_TS_COS	-0.061	0.001	-1.487	0.005	0.002	0.003	0.000	-0.012	-0.008	0.008	0.024	-0.006	0.012	0.001	-0.002	0.002
	FLAP3C_TS_SIN	0.000	0.004	0.027	-0.006	-0.001	0.002	0.002	0.018	-0.001	0.008	-0.002	-0.022	-0.008	-0.002	0.009	0.004
	FLAP4C_TS_COS	-0.021	0.002	-1.497	0.007	-0.001	-0.001	0.003	-0.015	0.003	-0.013	0.020	0.014	0.007	0.005	-0.016	-0.001
	FLAP4C_TS_SIN	0.000	0.005	0.028	-0.007	0.002	-0.002	-0.003	0.015	0.017	0.007	-0.008	-0.004	-0.010	0.003	0.002	-0.006
	FLAP5C_TS_COS	0.060	0.000	-1.494	0.007	0.000	0.006	0.001	-0.019	0.000	0.000	0.037	0.003	0.007	0.004	-0.006	0.002
	FLAP5C TS SIN	0.000	0.005	0.030	-0.006	-0.002	0.002	0.003	0.012	0.002	0.013	-0.013	-0.014	-0.010	0.000	0.010	0.002

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
57	65																
	FLAP1C_TS_COS	0.016	0.002	-1.262	0.004	-0.002	-0.001	0.000	-0.013	-0.018	-0.003	-0.032	-0.002	-0.002	-0.001	0.005	-0.007
	FLAP1C_TS_SIN	0.000	0.000	0.783	-0.001	0.003	-0.002	0.000	0.035	0.008	-0.005	-0.038	-0.001	-0.004	-0.001	0.004	0.001
	FLAP2C_TS_COS	0.023	0.001	-1.261	0.003	-0.005	-0.001	0.000	-0.012	-0.016	0.005	-0.020	-0.004	0.001	-0.002	0.011	-0.005
	FLAP2C_TS_SIN	0.000	0.000	0.781	-0.002	0.003	-0.004	0.000	0.024	-0.007	0.001	-0.034	-0.002	-0.002	0.001	0.008	-0.002
	FLAP3C_TS_COS	-0.068	0.002	-1.260	0.000	-0.004	-0.001	0.000	-0.004	-0.023	0.000	-0.026	-0.011	-0.005	0.002	-0.004	-0.004
	FLAP3C_TS_SIN	0.000	-0.003	0.780	-0.001	0.001	-0.003	-0.001	0.027	0.007	-0.009	-0.020	0.005	-0.011	-0.006	-0.002	0.002
	FLAP4C_TS_COS	-0.028	0.004	-1.265	0.003	-0.003	-0.003	0.001	-0.018	-0.008	-0.002	-0.022	0.005	-0.008	0.001	0.014	-0.005
	FLAP4C_TS_SIN	0.000	-0.001	0.784	0.000	0.005	-0.003	-0.001	0.018	0.012	0.003	-0.045	0.001	-0.008	-0.002	0.016	-0.003
	FLAP5C_TS_COS	0.052	0.002	-1.264	0.002	-0.006	0.000	0.000	-0.015	-0.005	0.002	-0.044	-0.004	-0.003	0.001	0.004	-0.003
	FLAP5C_TS_SIN	0.000	-0.001	0.783	0.001	0.003	-0.003	0.000	0.016	0.006	-0.001	-0.029	-0.002	-0.007	0.002	0.001	0.000
RUN	POINT	Harmonics															
57	66																
	FLAP1C_TS_COS	0.031	0.001	-0.700	0.000	-0.003	0.001	0.000	0.001	-0.025	-0.010	0.013	0.004	-0.007	-0.002	0.005	-0.003
	FLAP1C_TS_SIN	0.000	-0.003	1.314	0.002	0.001	-0.002	0.000	0.036	0.018	0.011	0.014	0.004	-0.003	0.003	0.005	0.004
	FLAP2C_TS_COS	0.040	0.000	-0.702	-0.003	0.001	0.003	-0.001	-0.005	-0.015	-0.015	-0.001	0.006	-0.002	-0.002	-0.002	-0.004
	FLAP2C_TS_SIN	0.000	-0.004	1.317	-0.002	0.002	0.001	0.001	0.019	0.015	0.014	0.022	0.000	-0.002	-0.001	0.006	0.007
	FLAP3C_TS_COS	-0.054	0.000	-0.699	-0.002	-0.002	0.004	0.000	0.003	-0.015	-0.012	0.013	0.008	0.000	-0.002	0.002	-0.002
	FLAP3C_TS_SIN	0.000	-0.005	1.309	0.000	0.002	-0.001	0.000	0.019	0.019	0.014	0.018	0.002	0.000	0.004	0.002	0.002
	FLAP4C_TS_COS	-0.012	0.000	-0.705	-0.002	0.000	0.003	-0.001	-0.005	-0.006	-0.016	-0.013	0.011	0.001	-0.009	0.000	-0.006
	FLAP4C_TS_SIN	0.000	-0.004	1.319	0.001	0.002	0.000	0.000	0.028	0.022	0.018	0.012	0.001	0.001	-0.004	0.005	0.009
	FLAP5C_TS_COS	0.070	0.001	-0.702	-0.001	0.001	0.003	0.000	-0.008	-0.011	-0.005	0.018	0.003	0.000	-0.002	0.005	-0.001
	FLAP5C TS SIN	0.000	-0.004	1.317	0.001	0.003	0.000	0.001	0.021	0.009	0.017	0.022	0.000	-0.003	0.007	0.000	0.006

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
57	67	0.029	-0.001	0.039	0.006	0.002	-0.002	-0.001	0.010	-0.013	0.004	0.007	0.002	-0.001	-0.002	0.004	0.001
		FLAP1C_TS_COS															
		0.000	0.006	1.478	-0.006	0.006	0.003	-0.001	0.017	0.019	0.004	-0.033	0.009	0.006	-0.001	-0.003	0.004
		FLAP1C_TS_SIN															
		0.039	-0.003	0.038	0.007	0.002	-0.003	-0.002	0.000	0.001	0.011	0.015	0.001	-0.007	-0.001	0.013	0.004
		FLAP2C_TS_COS															
		0.000	0.005	1.474	-0.006	0.008	0.002	0.000	0.002	0.008	0.019	-0.021	0.004	0.000	-0.002	-0.010	0.005
		FLAP2C_TS_SIN															
		-0.055	-0.002	0.038	0.003	0.003	0.001	-0.002	-0.001	-0.011	0.006	-0.005	0.002	-0.001	0.001	-0.001	0.004
		FLAP3C_TS_COS															
		0.000	0.004	1.474	-0.002	0.005	0.002	0.002	0.008	0.006	0.009	-0.031	0.004	-0.001	-0.005	-0.001	0.004
		FLAP3C_TS_SIN															
		-0.014	-0.001	0.040	0.004	0.001	-0.002	-0.002	0.012	0.003	0.011	0.005	0.000	-0.003	0.006	0.011	0.000
		FLAP4C_TS_COS															
		0.000	0.005	1.483	-0.002	0.006	0.001	0.001	0.012	0.010	0.023	-0.020	0.001	-0.004	-0.001	-0.007	0.003
		FLAP4C_TS_SIN															
		0.066	-0.001	0.039	0.006	0.001	-0.002	-0.002	0.004	-0.010	0.013	0.004	-0.003	-0.002	-0.002	0.006	0.002
		FLAP5C_TS_COS															
		0.000	0.003	1.480	-0.005	0.005	0.001	-0.001	0.001	0.008	0.008	-0.031	0.008	0.002	-0.003	-0.006	0.006
		FLAP5C_TS_SIN															
RUN	POINT	Harmonics															
57	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		0.037	-0.002	0.010	0.004	0.002	0.001	0.000	-0.004	-0.005	-0.001	0.001	0.002	0.000	-0.001	0.001	0.000
		FLAP1C_TS_COS															
		0.000	0.008	-0.006	-0.004	0.002	0.000	0.002	0.004	-0.001	-0.002	-0.002	0.000	0.001	-0.001	-0.001	0.001
		FLAP1C_TS_SIN															
		0.050	-0.004	0.012	0.003	0.001	-0.001	-0.002	0.000	-0.002	-0.003	0.002	0.001	0.000	0.001	0.000	0.000
		FLAP2C_TS_COS															
		0.000	0.008	-0.003	-0.004	0.004	0.000	-0.001	0.001	0.002	-0.001	-0.001	0.001	-0.001	0.000	0.000	0.000
		FLAP2C_TS_SIN															
		-0.045	-0.005	0.010	0.001	-0.001	0.001	-0.002	-0.003	0.001	0.000	-0.002	0.001	0.002	-0.001	0.000	0.000
		FLAP3C_TS_COS															
		0.000	0.003	0.000	-0.002	0.001	0.000	0.001	-0.001	-0.001	0.002	-0.001	-0.002	0.001	0.001	-0.001	0.000
		FLAP3C_TS_SIN															
		-0.006	-0.003	0.011	0.003	0.001	-0.001	-0.004	0.002	-0.003	-0.005	0.004	0.002	-0.001	-0.001	0.001	0.002
		FLAP4C_TS_COS															
		0.000	0.009	-0.003	-0.003	0.004	0.000	-0.001	0.001	0.005	-0.004	-0.003	0.002	0.000	-0.001	-0.001	0.002
		FLAP4C_TS_SIN															
		0.076	-0.001	0.010	0.003	0.000	0.001	-0.003	-0.001	0.000	0.000	0.001	0.000	0.000	-0.001	0.000	0.000
		FLAP5C_TS_COS															
		0.000	0.005	-0.003	-0.002	0.003	0.000	0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	0.001
		FLAP5C TS SIN															

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
57	73	0.029	0.002	-0.002	-0.002	-0.001	0.001	-0.001	0.012	0.001	-0.003	-0.004	-0.002	-0.002	0.002	0.002	0.001	
		0.000	-0.002	-0.002	-0.004	0.003	0.004	0.000	0.009	0.011	0.005	-0.003	-0.002	-0.002	-0.001	0.003	0.001	
		0.048	0.002	-0.002	-0.002	-0.003	0.002	-0.001	0.006	0.007	0.002	-0.003	-0.003	-0.001	0.002	0.004	-0.001	
		0.000	0.001	-0.004	0.001	0.003	0.004	0.002	0.001	0.005	0.005	0.000	-0.001	-0.002	-0.001	0.004	0.003	
		-0.055	0.004	-0.003	-0.003	-0.004	0.000	-0.002	0.014	0.007	-0.001	-0.005	-0.004	0.000	0.001	0.003	0.001	
		0.000	0.003	-0.003	-0.002	0.002	0.003	-0.001	0.001	0.010	0.006	-0.001	-0.003	-0.002	0.000	0.002	0.002	
		-0.007	0.002	-0.003	-0.002	-0.003	0.000	-0.001	0.008	0.004	0.002	-0.001	-0.003	-0.001	-0.001	0.002	0.000	
		0.000	0.001	-0.003	0.000	0.003	0.003	0.001	0.000	0.004	0.002	0.001	0.000	0.000	0.000	0.001	0.001	
57	74	0.072	0.005	-0.001	-0.003	-0.002	0.001	-0.002	0.007	0.001	-0.001	-0.003	0.000	0.000	0.000	0.002	0.001	
		0.000	-0.001	-0.004	-0.001	0.002	0.005	-0.001	0.004	0.007	0.002	-0.002	-0.002	0.000	-0.001	0.001	0.001	
		Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			0.023	0.001	0.002	-0.001	0.000	0.000	-0.001	0.013	0.002	-0.003	-0.004	-0.003	-0.002	0.002	0.002	0.001
			0.000	0.000	-0.001	0.001	0.002	-0.002	0.000	0.009	0.013	0.005	-0.004	-0.002	-0.003	-0.001	0.003	0.001
			0.035	0.000	0.001	-0.001	0.000	0.001	0.000	0.004	0.006	0.001	-0.002	-0.002	-0.001	0.002	0.002	0.000
			0.000	0.000	0.000	-0.001	0.001	-0.001	0.001	0.001	0.005	0.005	-0.001	-0.001	-0.002	-0.001	0.003	0.002
			-0.058	0.001	0.001	0.000	0.000	0.001	-0.001	0.015	0.007	-0.001	-0.005	-0.004	0.000	0.001	0.003	0.001
Harmonics	0.000	0.000	-0.001	0.001	0.002	0.000	0.001	0.002	0.011	0.007	-0.001	-0.002	-0.001	0.000	0.001	0.002		
	-0.019	0.001	0.001	-0.001	0.000	0.000	0.000	0.007	0.004	0.002	-0.001	-0.003	-0.001	0.000	0.002	0.000		
	0.000	0.000	0.000	0.001	0.002	-0.001	0.000	0.000	0.005	0.002	0.001	0.001	-0.001	-0.001	0.001	0.001		
	0.064	-0.001	0.001	-0.001	0.000	0.002	-0.001	0.008	0.000	-0.002	-0.003	-0.001	0.000	0.000	0.002	0.001		
	0.000	0.000	0.000	0.000	0.003	-0.001	0.000	0.005	0.007	0.003	-0.002	-0.002	0.000	-0.001	0.000	0.001		

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
57	75																
	FLAP1C_TS_COS	0.030	0.001	-0.002	0.000	0.000	0.001	-0.001	0.012	0.002	-0.003	-0.004	-0.003	-0.002	0.002	0.002	0.000
	FLAP1C_TS_SIN	0.000	-0.002	0.001	0.000	0.000	0.001	0.001	0.008	0.013	0.006	-0.003	-0.002	-0.002	-0.001	0.002	0.001
	FLAP2C_TS_COS	0.042	0.001	0.000	0.000	0.001	0.001	-0.001	0.005	0.005	0.001	-0.003	-0.002	-0.001	0.002	0.003	-0.001
	FLAP2C_TS_SIN	0.000	-0.003	0.000	0.000	0.000	0.001	0.001	0.001	0.005	0.004	-0.001	-0.002	-0.002	-0.001	0.003	0.002
	FLAP3C_TS_COS	-0.057	0.000	-0.002	0.000	0.001	0.000	-0.001	0.014	0.006	-0.002	-0.005	-0.003	0.000	0.002	0.003	0.001
	FLAP3C_TS_SIN	0.000	0.000	0.000	-0.001	0.001	0.000	0.000	0.002	0.011	0.006	-0.001	-0.003	-0.001	0.000	0.002	0.002
	FLAP4C_TS_COS	-0.014	0.003	-0.001	0.000	0.000	0.001	0.000	0.006	0.003	0.002	-0.001	-0.003	-0.001	0.000	0.002	0.000
	FLAP4C_TS_SIN	0.000	-0.002	0.000	0.000	0.000	0.001	0.001	0.001	0.005	0.002	0.001	0.000	0.000	-0.001	0.001	0.001
	FLAP5C_TS_COS	0.068	0.002	-0.001	0.000	0.000	0.001	-0.001	0.006	0.000	-0.002	-0.003	-0.001	0.000	0.000	0.002	0.000
	FLAP5C_TS_SIN	0.000	-0.002	-0.001	0.001	0.000	-0.001	0.000	0.004	0.007	0.003	-0.002	-0.002	0.000	-0.001	0.000	0.001
RUN	POINT	Harmonics															
57	76																
	FLAP1C_TS_COS	0.023	0.000	0.008	-0.001	0.001	-0.002	-0.001	0.010	0.003	-0.002	-0.002	-0.002	-0.001	0.002	0.002	0.000
	FLAP1C_TS_SIN	0.000	-0.005	0.003	0.001	0.002	0.000	-0.001	0.007	0.010	0.005	-0.003	-0.001	-0.002	0.000	0.002	0.001
	FLAP2C_TS_COS	0.034	0.002	0.005	-0.001	0.001	0.000	-0.001	0.004	0.005	0.001	-0.002	-0.002	-0.001	0.002	0.003	0.000
	FLAP2C_TS_SIN	0.000	-0.003	0.002	0.000	0.000	0.001	0.000	0.001	0.004	0.004	-0.001	-0.002	-0.002	-0.001	0.003	0.002
	FLAP3C_TS_COS	-0.060	0.001	0.004	0.000	0.002	0.000	-0.001	0.011	0.006	-0.001	-0.004	-0.003	0.000	0.001	0.002	0.001
	FLAP3C_TS_SIN	0.000	-0.002	0.001	0.001	0.000	0.002	0.001	0.002	0.009	0.005	-0.002	-0.002	-0.001	0.000	0.001	0.002
	FLAP4C_TS_COS	-0.019	0.002	0.005	-0.002	0.001	0.000	-0.001	0.007	0.003	0.002	-0.002	-0.003	0.000	0.000	0.002	0.000
	FLAP4C_TS_SIN	0.000	-0.002	0.002	0.001	-0.001	0.001	0.000	0.001	0.005	0.002	0.000	-0.001	0.000	-0.001	0.000	0.001
	FLAP5C_TS_COS	0.062	0.001	0.007	-0.001	0.002	-0.001	-0.001	0.005	0.001	-0.001	-0.002	-0.001	0.000	0.000	0.002	0.001
	FLAP5C TS SIN	0.000	-0.005	0.003	0.001	0.002	0.000	0.000	0.004	0.005	0.002	-0.002	-0.001	0.000	-0.001	0.000	0.001

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
57	77																
		0.021	-0.001	0.004	0.001	0.001	0.000	0.000	0.010	0.002	-0.003	-0.003	-0.003	-0.001	0.002	0.002	0.000
		FLAP1C_TS_COS															
		0.000	-0.003	0.000	0.000	0.002	0.000	0.001	0.008	0.012	0.005	-0.003	-0.002	-0.003	-0.001	0.002	0.001
		FLAP1C_TS_SIN															
		0.032	0.000	0.002	0.001	0.000	0.000	0.000	0.006	0.006	0.000	-0.003	-0.003	-0.001	0.002	0.003	0.000
		FLAP2C_TS_COS															
		0.000	-0.001	0.000	0.000	0.001	-0.001	0.000	0.001	0.006	0.005	-0.001	-0.002	-0.002	-0.001	0.003	0.003
		FLAP2C_TS_SIN															
		-0.060	-0.001	0.002	0.001	0.000	0.000	0.000	0.012	0.006	-0.002	-0.005	-0.003	0.000	0.002	0.002	0.001
		FLAP3C_TS_COS															
		0.000	-0.001	-0.001	0.000	0.001	0.000	0.001	0.003	0.010	0.006	-0.002	-0.003	-0.002	0.000	0.002	0.002
		FLAP3C_TS_SIN															
		-0.024	0.001	0.002	0.000	0.001	0.000	0.000	0.008	0.003	0.001	-0.001	-0.003	-0.001	0.000	0.002	0.000
		FLAP4C_TS_COS															
		0.000	-0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.006	0.002	0.000	0.000	-0.001	0.000	0.001	0.001
		FLAP4C_TS_SIN															
		0.060	0.000	0.003	0.001	0.001	0.000	0.000	0.006	0.000	-0.002	-0.003	-0.001	0.000	0.001	0.002	0.001
		FLAP5C_TS_COS															
		0.000	-0.002	-0.001	0.001	0.000	0.001	0.001	0.005	0.007	0.002	-0.002	-0.002	0.000	-0.001	0.000	0.001
		FLAP5C_TS_SIN															
RUN	POINT	Harmonics															
57	78																
		0.027	0.000	-0.004	0.000	-0.001	0.001	0.000	0.009	0.001	-0.003	-0.003	-0.002	-0.001	0.002	0.002	0.000
		FLAP1C_TS_COS															
		0.000	0.002	0.000	0.000	-0.001	0.000	0.000	0.008	0.010	0.005	-0.004	-0.002	-0.003	-0.001	0.003	0.001
		FLAP1C_TS_SIN															
		0.034	0.001	-0.002	0.000	0.000	0.001	0.000	0.005	0.004	0.001	-0.003	-0.002	-0.001	0.003	0.003	-0.001
		FLAP2C_TS_COS															
		0.000	0.000	0.000	0.000	-0.001	0.000	0.001	0.003	0.005	0.005	-0.001	-0.002	-0.003	-0.001	0.004	0.003
		FLAP2C_TS_SIN															
		-0.059	0.001	-0.002	0.000	0.001	0.000	0.000	0.012	0.006	-0.001	-0.005	-0.003	0.000	0.002	0.003	0.000
		FLAP3C_TS_COS															
		0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.003	0.010	0.006	-0.002	-0.003	-0.002	0.000	0.003	0.002
		FLAP3C_TS_SIN															
		-0.016	0.001	-0.002	-0.001	0.000	0.001	-0.001	0.006	0.004	0.003	-0.002	-0.003	0.000	0.000	0.001	0.000
		FLAP4C_TS_COS															
		0.000	-0.001	0.000	0.000	-0.001	0.001	0.001	0.001	0.004	0.003	0.001	0.000	-0.001	0.000	0.001	0.001
		FLAP4C_TS_SIN															
		0.066	0.000	-0.003	0.002	0.000	0.000	0.000	0.007	0.000	-0.002	-0.004	0.000	0.000	0.001	0.002	0.000
		FLAP5C_TS_COS															
		0.000	0.001	-0.002	0.000	0.001	0.001	0.000	0.005	0.007	0.002	-0.002	-0.002	0.000	-0.001	0.001	0.001
		FLAP5C_TS_SIN															

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
57	79	0.019	0.000	0.001	0.000	0.001	0.000	0.000	0.008	0.001	-0.003	-0.003	-0.002	-0.001	0.002	0.002	0.000
		FLAP1C_TS_COS															
		0.000	-0.001	-0.001	0.000	0.001	0.001	0.000	0.008	0.010	0.003	-0.003	-0.002	-0.002	-0.001	0.002	0.001
		FLAP1C_TS_SIN															
		0.031	0.001	0.001	-0.001	0.001	0.001	0.001	0.005	0.005	0.000	-0.003	-0.002	-0.001	0.002	0.003	0.000
		FLAP2C_TS_COS															
		0.000	0.001	0.000	0.000	0.001	0.001	0.000	0.002	0.005	0.004	-0.001	-0.002	-0.002	-0.001	0.003	0.003
		FLAP2C_TS_SIN															
		-0.062	0.000	0.000	0.000	0.001	0.001	0.000	0.012	0.005	-0.002	-0.005	-0.003	0.000	0.002	0.002	0.000
		FLAP3C_TS_COS															
		0.000	0.001	-0.001	-0.001	0.001	0.001	0.001	0.003	0.010	0.006	-0.002	-0.003	-0.001	0.000	0.002	0.002
		FLAP3C_TS_SIN															
		-0.023	0.001	0.001	-0.001	0.000	0.001	0.002	0.007	0.003	0.001	-0.002	-0.003	0.000	0.000	0.002	0.000
		FLAP4C_TS_COS															
		0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.002	0.005	0.002	0.000	0.000	-0.001	0.000	0.001	0.001
		FLAP4C_TS_SIN															
		0.058	-0.002	0.001	0.001	0.000	0.000	0.000	0.006	0.000	-0.002	-0.003	-0.001	0.000	0.001	0.002	0.001
		FLAP5C_TS_COS															
		0.000	0.001	-0.001	-0.001	0.001	0.000	0.000	0.005	0.007	0.002	-0.002	-0.002	0.000	-0.001	0.000	0.001
		FLAP5C_TS_SIN															
RUN	POINT	Harmonics															
57	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		0.024	-0.001	-0.002	-0.001	0.000	0.000	0.000	0.009	0.001	-0.003	-0.003	-0.002	-0.001	0.002	0.002	0.000
		FLAP1C_TS_COS															
		0.000	0.001	-0.002	0.000	0.000	0.000	0.001	0.008	0.011	0.004	-0.003	-0.002	-0.002	0.000	0.002	0.001
		FLAP1C_TS_SIN															
		0.036	0.000	-0.001	0.000	0.000	0.000	0.000	0.004	0.005	0.000	-0.003	-0.002	-0.001	0.002	0.003	-0.001
		FLAP2C_TS_COS															
		0.000	0.001	-0.002	0.000	0.000	0.001	0.000	0.001	0.005	0.004	-0.001	-0.002	-0.003	-0.001	0.003	0.003
		FLAP2C_TS_SIN															
		-0.060	-0.001	-0.001	0.000	-0.001	0.000	0.000	0.012	0.006	-0.002	-0.005	-0.003	0.000	0.002	0.002	0.001
		FLAP3C_TS_COS															
		0.000	0.001	-0.002	0.001	0.000	0.000	0.000	0.002	0.010	0.006	-0.002	-0.003	-0.002	0.000	0.002	0.002
		FLAP3C_TS_SIN															
		-0.019	0.000	-0.002	0.000	0.000	0.000	0.001	0.006	0.003	0.001	-0.002	-0.003	0.000	0.000	0.002	0.001
		FLAP4C_TS_COS															
		0.000	0.001	-0.002	0.000	-0.001	0.001	0.001	0.001	0.005	0.002	0.000	0.000	-0.001	0.000	0.001	0.001
		FLAP4C_TS_SIN															
		0.062	-0.001	-0.001	0.000	0.000	0.000	0.000	0.005	0.000	-0.002	-0.003	0.000	0.000	0.000	0.002	0.001
		FLAP5C_TS_COS															
		0.000	0.002	-0.003	0.000	-0.001	0.000	0.000	0.005	0.006	0.002	-0.002	-0.002	0.000	-0.001	0.000	0.001
		FLAP5C_TS_SIN															

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.025	-0.001	-0.001	0.000	-0.001	-0.001	0.009	0.002	-0.003	-0.003	-0.002	-0.001	0.002	0.002	0.002	0.000		
FLAP1C	TS_SIN	0.000	-0.002	0.000	0.001	0.000	0.000	0.006	0.010	0.004	-0.003	-0.002	-0.002	-0.001	-0.001	0.002	0.001		
FLAP2C	TS_COS	0.036	-0.001	0.000	0.000	-0.001	-0.001	0.005	0.005	0.000	-0.002	-0.002	-0.001	0.002	0.003	0.003	-0.001		
FLAP2C	TS_SIN	0.000	-0.001	-0.001	0.000	0.000	0.000	0.001	0.006	0.004	-0.001	-0.001	-0.002	-0.001	0.003	0.002	0.002		
FLAP3C	TS_COS	-0.060	0.000	0.000	-0.001	-0.001	0.000	0.012	0.005	-0.002	-0.004	-0.003	0.000	0.002	0.003	0.001	0.001		
FLAP3C	TS_SIN	0.000	-0.001	0.000	0.001	-0.001	0.000	0.002	0.011	0.005	-0.002	-0.002	-0.001	0.000	0.002	0.002	0.002		
FLAP4C	TS_COS	-0.014	-0.001	0.000	0.001	-0.001	0.000	0.006	0.003	0.001	-0.001	-0.002	0.000	0.000	0.002	0.000	0.000		
FLAP4C	TS_SIN	0.000	-0.002	-0.001	0.000	0.000	0.000	0.001	0.005	0.002	0.000	0.000	0.000	0.000	0.001	0.001	0.001		
FLAP5C	TS_COS	0.065	-0.001	0.000	0.000	-0.001	0.000	0.006	0.000	-0.002	-0.004	0.000	0.000	0.000	0.002	0.001	0.001		
FLAP5C	TS_SIN	0.000	0.000	0.000	0.000	-0.001	0.000	0.005	0.007	0.003	-0.002	-0.002	0.000	-0.001	0.000	0.001	0.001		
RUN	POINT	Harmonics																	
57	82	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.023	0.000	0.002	0.000	0.000	0.001	0.000	0.008	0.001	-0.004	-0.003	-0.002	-0.001	0.002	0.002	0.000		
FLAP1C	TS_SIN	0.000	-0.001	0.001	0.001	0.000	0.000	0.007	0.010	0.004	-0.004	-0.004	-0.002	-0.002	-0.001	0.002	0.001		
FLAP2C	TS_COS	0.033	-0.001	0.001	0.000	0.000	0.001	0.004	0.005	-0.001	-0.003	-0.003	-0.002	-0.001	0.002	0.003	-0.001		
FLAP2C	TS_SIN	0.000	0.000	0.000	0.000	0.000	0.001	0.006	0.006	0.004	-0.002	-0.002	-0.002	-0.001	0.003	0.003	0.003		
FLAP3C	TS_COS	-0.061	0.000	0.001	0.000	-0.001	0.001	0.012	0.006	-0.002	-0.005	-0.003	-0.003	0.000	0.002	0.003	0.001		
FLAP3C	TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.010	0.007	-0.001	-0.003	-0.003	-0.002	0.000	0.002	0.002		
FLAP4C	TS_COS	-0.019	0.000	0.001	0.000	-0.001	0.000	0.006	0.003	0.001	-0.001	-0.001	-0.003	0.000	0.000	0.002	0.000		
FLAP4C	TS_SIN	0.000	0.000	0.000	0.000	-0.001	0.000	0.001	0.005	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.001		
FLAP5C	TS_COS	0.060	0.000	0.001	0.000	0.000	0.001	0.005	0.000	-0.002	-0.003	-0.003	0.000	0.000	0.000	0.002	0.001		
FLAP5C	TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.006	0.002	-0.002	-0.002	-0.002	0.000	-0.001	0.000	0.001		

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
57	83	0.025	0.000	0.003	-0.001	0.000	-0.001	0.000	0.007	0.001	-0.003	-0.002	-0.002	-0.001	0.001	0.002	0.000
		0.000	-0.001	0.002	0.000	0.001	-0.001	0.000	0.006	0.010	0.004	-0.003	-0.002	-0.002	-0.001	0.002	0.001
		0.034	0.001	0.003	0.000	0.000	-0.001	0.000	0.004	0.004	0.000	-0.002	-0.002	0.000	0.002	0.003	-0.001
		0.000	0.000	0.001	0.000	0.001	0.000	0.000	0.001	0.005	0.004	-0.001	-0.002	-0.002	-0.001	0.003	0.002
		-0.059	0.001	0.002	0.000	0.001	0.000	-0.001	0.011	0.006	-0.002	-0.005	-0.003	0.000	0.001	0.002	0.001
		0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.010	0.006	-0.001	-0.002	-0.001	0.000	0.001	0.002
		-0.022	0.001	0.002	-0.001	0.001	0.000	0.000	0.006	0.002	0.001	-0.002	-0.002	0.000	0.001	0.002	0.000
		0.000	0.000	0.001	0.000	0.000	0.001	0.000	0.001	0.005	0.002	0.000	-0.001	-0.001	-0.001	0.001	0.001
57	84	0.064	0.000	0.002	0.000	0.001	-0.001	0.000	0.005	0.000	-0.002	-0.004	-0.001	0.000	0.000	0.002	0.001
		0.000	0.000	0.001	0.000	0.001	0.001	0.000	0.004	0.006	0.003	-0.002	-0.002	0.000	-0.001	0.000	0.001
		RUN POINT Harmonics															
		0.026	0.000	-0.001	0.001	0.001	0.002	0.000	0.009	0.002	-0.003	-0.004	-0.002	-0.001	0.001	0.001	0.000
		0.000	0.000	-0.001	0.000	-0.001	0.000	0.000	0.007	0.011	0.005	-0.002	-0.002	-0.002	0.000	0.002	0.001
		0.034	0.000	-0.001	0.000	-0.001	0.001	0.001	0.005	0.004	-0.002	-0.003	-0.002	-0.001	0.002	0.004	-0.001
		0.000	0.000	-0.001	0.000	0.000	-0.001	0.000	0.002	0.007	0.004	-0.002	-0.002	-0.002	-0.002	0.003	0.003
		-0.060	0.000	0.000	0.000	0.000	0.001	0.001	0.010	0.005	-0.002	-0.004	-0.003	0.000	0.002	0.002	0.000
57	84	0.000	0.000	-0.001	0.000	-0.001	-0.001	0.001	0.002	0.009	0.005	-0.002	-0.003	-0.002	0.000	0.002	0.002
		-0.019	0.000	-0.001	0.000	0.000	0.000	0.000	0.007	0.003	0.001	-0.002	-0.003	0.000	0.000	0.002	0.000
		0.000	0.000	-0.001	-0.001	0.000	0.000	0.000	0.001	0.006	0.002	0.000	0.000	0.000	0.000	0.001	0.001
		0.062	0.000	-0.001	0.000	0.001	0.001	0.000	0.004	-0.001	-0.002	-0.003	0.000	0.000	0.000	0.001	0.001
		0.000	0.000	-0.001	-0.001	-0.001	0.000	0.001	0.005	0.006	0.002	-0.003	-0.002	0.000	-0.001	0.000	0.001
		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.006	0.002	-0.003	-0.002	0.000	0.000	0.000	0.001
		0.000	0.000	-0.001	-0.001	-0.001	0.000	0.001	0.005	0.006	0.003	-0.002	-0.002	0.000	-0.001	0.000	0.001
		0.000	0.000	-0.001	-0.001	-0.001	0.000	0.001	0.005	0.006	0.002	-0.003	-0.002	0.000	0.000	0.000	0.001

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
57	85																
		0.023	-0.001	-0.004	0.000	0.000	0.001	0.000	0.008	0.002	-0.003	-0.003	-0.002	-0.001	0.002	0.002	0.000
		FLAP1C_TS_COS															
		0.000	0.003	-0.003	0.000	-0.002	0.001	0.000	0.008	0.011	0.004	-0.003	-0.002	-0.002	0.000	0.002	0.001
		FLAP1C_TS_SIN															
		0.032	0.001	-0.003	0.000	-0.001	-0.001	0.000	0.005	0.006	0.001	-0.003	-0.002	-0.001	0.002	0.003	0.000
		FLAP2C_TS_COS															
		0.000	0.001	-0.001	0.000	0.000	0.000	0.000	0.001	0.006	0.005	-0.001	-0.002	-0.002	-0.001	0.003	0.002
		FLAP2C_TS_SIN															
		-0.061	0.000	-0.002	-0.001	-0.001	-0.002	0.000	0.012	0.005	-0.002	-0.004	-0.003	0.000	0.002	0.003	0.001
		FLAP3C_TS_COS															
		0.000	0.002	-0.001	0.000	-0.001	-0.001	-0.001	0.002	0.010	0.005	-0.002	-0.003	-0.002	0.000	0.002	0.002
		FLAP3C_TS_SIN															
		-0.018	0.001	-0.003	0.000	0.000	-0.001	0.000	0.006	0.004	0.001	-0.002	-0.002	0.000	0.000	0.002	0.000
		FLAP4C_TS_COS															
		0.000	0.001	-0.001	0.000	-0.001	0.001	0.000	0.001	0.005	0.002	0.000	0.000	-0.001	0.000	0.001	0.001
		FLAP4C_TS_SIN															
		0.062	-0.001	-0.002	0.000	0.000	-0.001	-0.001	0.005	0.000	-0.002	-0.003	0.000	0.000	0.000	0.002	0.000
		FLAP5C_TS_COS															
		0.000	0.002	-0.003	0.000	0.000	0.001	0.000	0.004	0.006	0.002	-0.003	-0.002	0.000	-0.001	0.001	0.001
		FLAP5C_TS_SIN															
58	18																
		0.023	0.008	0.001	0.000	0.001	-0.077	0.001	0.002	0.004	0.000	0.003	0.004	0.005	0.000	-0.001	0.002
		FLAP1C_TS_COS															
		0.000	-0.003	0.002	0.001	0.001	0.006	-0.005	0.003	0.000	-0.005	-0.008	0.000	0.002	0.005	0.001	-0.001
		FLAP1C_TS_SIN															
		0.034	0.008	0.002	-0.002	-0.001	-0.082	-0.014	-0.005	0.003	0.006	-0.003	0.000	0.003	0.002	-0.001	-0.001
		FLAP2C_TS_COS															
		0.000	-0.004	0.001	0.002	0.000	0.005	0.005	0.002	-0.002	-0.002	-0.002	-0.005	0.001	0.002	0.004	0.001
		FLAP2C_TS_SIN															
		-0.060	0.006	0.000	-0.001	0.002	-0.054	-0.006	-0.003	0.000	0.002	0.001	0.001	0.002	0.000	-0.001	0.002
		FLAP3C_TS_COS															
		0.000	-0.004	-0.001	0.004	-0.002	0.004	0.003	0.005	-0.002	-0.003	-0.001	0.001	0.002	0.000	-0.001	-0.001
		FLAP3C_TS_SIN															
		-0.020	0.005	0.000	0.000	-0.003	-0.060	-0.005	-0.003	0.001	0.002	-0.001	0.002	0.003	0.004	0.003	0.002
		FLAP4C_TS_COS															
		0.000	-0.005	0.000	0.000	-0.001	0.001	0.007	0.007	-0.003	-0.004	-0.003	-0.002	0.004	0.000	0.001	0.000
		FLAP4C_TS_SIN															
		0.062	0.008	0.004	0.006	-0.004	-0.126	-0.003	0.007	0.003	0.002	0.002	0.004	0.002	0.001	-0.008	0.006
		FLAP5C_TS_COS															
		0.000	-0.005	0.000	0.004	0.014	0.009	-0.008	0.002	0.005	-0.001	-0.006	-0.002	0.002	0.006	0.001	-0.004
		FLAP5C_TS_SIN															

RUN	POINT	Harmonics																
		58	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
FLAP1C	TS_COS	0.023	0.008	0.001	0.003	0.814	-0.077	0.059	-0.003	0.008	-0.006	-0.027	0.000	0.101	-0.003	-0.001	0.007	
FLAP1C	TS_SIN	0.000	-0.004	0.000	0.001	1.242	0.004	0.000	0.006	0.036	0.014	-0.003	0.008	0.003	0.003	0.002	-0.001	
FLAP2C	TS_COS	0.033	0.008	0.001	-0.003	0.811	-0.084	0.068	-0.003	0.000	-0.009	-0.021	0.009	0.096	-0.019	0.001	-0.001	
FLAP2C	TS_SIN	0.000	-0.004	-0.001	0.004	1.243	0.006	0.009	-0.008	0.055	0.009	-0.002	0.029	0.022	0.012	-0.007	0.001	
FLAP3C	TS_COS	-0.060	0.007	-0.001	-0.003	0.811	-0.055	0.057	0.003	0.012	-0.016	-0.021	0.006	0.087	-0.002	-0.011	0.002	
FLAP3C	TS_SIN	0.000	-0.005	-0.002	0.004	1.236	0.006	-0.014	0.004	0.053	0.020	0.013	0.019	-0.015	0.007	-0.008	-0.004	
FLAP4C	TS_COS	-0.021	0.004	-0.001	0.000	0.813	-0.060	0.072	0.022	0.020	-0.020	-0.010	0.003	0.100	-0.007	0.003	0.006	
FLAP4C	TS_SIN	0.000	-0.006	0.000	-0.002	1.241	0.003	0.003	-0.013	0.062	0.015	0.014	0.026	0.041	0.005	-0.002	-0.007	
FLAP5C	TS_COS	0.060	0.009	0.003	0.007	0.810	-0.124	0.050	0.003	0.020	-0.016	-0.018	0.006	0.114	-0.016	-0.001	0.002	
FLAP5C	TS_SIN	0.000	-0.005	-0.002	0.002	1.255	0.008	0.001	-0.009	0.047	0.010	0.006	0.015	0.001	0.014	0.000	0.000	
RUN	POINT	Harmonics																
58	20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
FLAP1C	TS_COS	0.024	0.007	-0.112	0.584	0.224	-0.130	0.021	-0.023	0.003	-0.010	-0.028	0.023	-0.001	0.006	0.007	0.004	
FLAP1C	TS_SIN	0.000	-0.004	0.036	-0.150	0.314	-0.144	-0.032	0.004	0.015	0.010	-0.026	-0.016	0.031	0.001	0.008	0.002	
FLAP2C	TS_COS	0.034	0.008	-0.111	0.581	0.222	-0.136	0.019	-0.013	-0.011	-0.005	-0.021	0.008	-0.017	-0.006	0.005	0.008	
FLAP2C	TS_SIN	0.000	-0.004	0.036	-0.147	0.314	-0.144	-0.030	0.014	0.020	-0.002	-0.007	-0.008	0.034	-0.002	0.003	-0.002	
FLAP3C	TS_COS	-0.059	0.006	-0.114	0.579	0.225	-0.108	0.021	-0.013	-0.010	-0.011	-0.031	0.010	0.002	0.000	0.001	0.005	
FLAP3C	TS_SIN	0.000	-0.005	0.035	-0.146	0.311	-0.144	-0.031	0.014	0.025	0.010	-0.006	-0.015	0.029	0.003	-0.004	-0.006	
FLAP4C	TS_COS	-0.019	0.005	-0.115	0.583	0.221	-0.115	0.025	-0.001	-0.011	-0.003	-0.016	0.010	-0.020	-0.007	0.003	0.012	
FLAP4C	TS_SIN	0.000	-0.006	0.037	-0.151	0.313	-0.147	-0.033	0.011	0.031	0.004	-0.007	-0.008	0.026	-0.003	0.002	-0.006	
FLAP5C	TS_COS	0.062	0.008	-0.111	0.589	0.219	-0.179	0.012	-0.013	-0.001	-0.009	-0.023	0.014	-0.004	-0.002	0.001	0.001	
FLAP5C	TS_SIN	0.000	-0.006	0.035	-0.149	0.327	-0.140	-0.041	0.004	0.021	0.010	-0.008	-0.007	0.037	-0.001	0.006	-0.002	

RUN	POINT	Harmonics																	
		58	21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.022	0.008	-0.179	0.767	0.340	-0.061	0.019	-0.031	-0.001	-0.006	-0.042	0.017	-0.011	0.012	0.009	0.006	0.006	
FLAP1C	TS_SIN	0.000	-0.004	0.234	-0.143	0.334	-0.242	-0.027	0.008	0.019	0.006	-0.041	-0.024	0.029	0.001	0.006	0.002	0.002	
FLAP2C	TS_COS	0.033	0.006	-0.178	0.765	0.339	-0.066	0.015	-0.021	-0.015	0.000	-0.036	0.006	-0.027	0.005	0.010	0.008	0.008	
FLAP2C	TS_SIN	0.000	-0.004	0.234	-0.142	0.334	-0.243	-0.027	0.021	0.024	-0.006	-0.022	-0.011	0.038	0.003	0.006	-0.002	-0.002	
FLAP3C	TS_COS	-0.061	0.006	-0.182	0.762	0.341	-0.038	0.018	-0.016	-0.011	-0.006	-0.042	0.004	-0.004	0.006	0.003	0.004	0.004	
FLAP3C	TS_SIN	0.000	-0.006	0.232	-0.139	0.331	-0.242	-0.031	0.015	0.031	0.009	-0.009	-0.016	0.032	0.005	-0.004	-0.009	-0.009	
FLAP4C	TS_COS	-0.020	0.005	-0.182	0.766	0.338	-0.046	0.019	-0.006	-0.011	0.003	-0.027	0.007	-0.031	0.004	0.004	0.012	0.012	
FLAP4C	TS_SIN	0.000	-0.005	0.235	-0.145	0.333	-0.247	-0.029	0.011	0.034	-0.004	-0.022	-0.012	0.032	0.006	0.006	-0.006	-0.006	
FLAP5C	TS_COS	0.061	0.008	-0.179	0.773	0.336	-0.110	0.008	-0.020	-0.007	-0.005	-0.041	0.009	-0.013	0.010	0.006	0.001	0.001	
FLAP5C	TS_SIN	0.000	-0.008	0.232	-0.142	0.347	-0.239	-0.033	0.005	0.026	0.000	-0.020	-0.014	0.044	0.004	0.010	0.001	0.001	
RUN	POINT	Harmonics																	
58	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.022	0.008	-0.257	0.933	0.436	-0.015	0.012	-0.024	0.000	-0.005	-0.057	0.008	-0.015	0.014	0.004	0.008	0.008	
FLAP1C	TS_SIN	0.000	-0.002	0.423	-0.104	0.325	-0.317	-0.020	0.006	0.018	0.005	-0.046	-0.022	0.032	-0.002	0.002	0.002	0.002	
FLAP2C	TS_COS	0.033	0.007	-0.256	0.929	0.435	-0.020	0.007	-0.016	-0.014	0.000	-0.047	-0.001	-0.030	0.010	0.008	0.009	0.009	
FLAP2C	TS_SIN	0.000	-0.002	0.424	-0.103	0.326	-0.317	-0.020	0.019	0.024	-0.007	-0.026	-0.009	0.042	0.005	0.003	-0.005	-0.005	
FLAP3C	TS_COS	-0.060	0.006	-0.259	0.925	0.438	0.009	0.013	-0.009	-0.007	-0.003	-0.050	-0.004	-0.007	0.009	0.000	0.006	0.006	
FLAP3C	TS_SIN	0.000	-0.004	0.421	-0.100	0.323	-0.317	-0.026	0.010	0.031	0.008	-0.011	-0.013	0.036	0.005	-0.005	-0.009	-0.009	
FLAP4C	TS_COS	-0.022	0.004	-0.260	0.932	0.436	0.001	0.010	0.000	-0.012	0.005	-0.038	-0.002	-0.034	0.010	0.002	0.016	0.016	
FLAP4C	TS_SIN	0.000	-0.005	0.424	-0.107	0.325	-0.323	-0.022	0.004	0.034	-0.007	-0.030	-0.011	0.038	0.010	0.003	-0.004	-0.004	
FLAP5C	TS_COS	0.061	0.009	-0.257	0.937	0.432	-0.063	0.004	-0.012	-0.007	-0.003	-0.061	-0.004	-0.020	0.015	0.004	0.004	0.004	
FLAP5C	TS_SIN	0.000	-0.006	0.422	-0.102	0.338	-0.315	-0.024	-0.001	0.023	-0.008	-0.028	-0.011	0.051	0.003	0.007	0.002	0.002	

RUN	POINT	Harmonics																	
		58	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	0.023	0.007	-0.336	1.104	0.541	0.017	-0.002	-0.022	0.000	0.004	-0.063	0.005	-0.016	0.012	0.002	0.010		
	FLAP1C_TS_SIN	0.000	-0.003	0.615	-0.077	0.289	-0.393	-0.013	0.009	0.014	0.007	-0.044	-0.018	0.034	0.000	0.003	0.007		
	FLAP2C_TS_COS	0.035	0.006	-0.335	1.101	0.541	0.011	-0.008	-0.017	-0.018	0.005	-0.057	-0.001	-0.031	0.020	0.008	0.009		
	FLAP2C_TS_SIN	0.000	-0.002	0.616	-0.075	0.291	-0.392	-0.014	0.023	0.018	-0.005	-0.032	0.003	0.046	0.005	0.001	0.003		
	FLAP3C_TS_COS	-0.060	0.005	-0.340	1.096	0.544	0.040	-0.001	-0.011	-0.010	0.003	-0.057	-0.004	-0.007	0.014	-0.001	0.001		
	FLAP3C_TS_SIN	0.000	-0.006	0.612	-0.072	0.288	-0.391	-0.019	0.009	0.028	0.006	-0.007	-0.003	0.042	0.002	-0.005	-0.002		
	FLAP4C_TS_COS	-0.017	0.004	-0.340	1.103	0.541	0.034	-0.006	-0.003	-0.019	0.009	-0.046	-0.001	-0.035	0.016	0.001	0.010		
	FLAP4C_TS_SIN	0.000	-0.005	0.617	-0.077	0.289	-0.396	-0.012	0.000	0.027	-0.012	-0.037	-0.001	0.044	0.009	0.006	0.003		
	FLAP5C_TS_COS	0.062	0.008	-0.335	1.109	0.539	-0.030	-0.011	-0.011	-0.013	-0.001	-0.077	-0.010	-0.019	0.020	0.001	0.004		
	FLAP5C_TS_SIN	0.000	-0.006	0.613	-0.075	0.302	-0.389	-0.017	-0.005	0.017	-0.016	-0.029	-0.004	0.058	0.002	0.008	0.010		
RUN	POINT	Harmonics																	
58	24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
	FLAP1C_TS_COS	0.023	0.007	0.001	0.001	0.001	-0.076	0.003	0.006	0.004	-0.003	0.002	0.002	0.006	0.002	0.000	0.001		
	FLAP1C_TS_SIN	0.000	-0.003	0.001	0.001	0.001	0.006	-0.006	0.003	0.000	-0.004	-0.008	0.003	0.002	0.004	0.001	-0.002		
	FLAP2C_TS_COS	0.033	0.008	0.001	-0.002	-0.001	-0.081	-0.010	-0.001	0.001	0.004	-0.005	0.000	0.004	0.003	-0.001	-0.002		
	FLAP2C_TS_SIN	0.000	-0.004	0.001	0.001	0.000	0.006	0.007	0.001	-0.003	-0.001	-0.001	-0.001	0.002	0.001	0.001	-0.001		
	FLAP3C_TS_COS	-0.060	0.006	-0.001	-0.001	0.003	-0.053	-0.003	0.000	0.000	0.001	-0.001	0.001	0.003	0.001	0.000	0.002		
	FLAP3C_TS_SIN	0.000	-0.005	-0.001	0.003	-0.003	0.004	0.004	0.005	0.000	-0.002	-0.001	0.002	0.002	0.000	-0.001	-0.002		
	FLAP4C_TS_COS	-0.021	0.005	0.000	0.000	-0.003	-0.060	-0.002	-0.001	-0.001	0.000	-0.003	0.001	0.004	0.005	0.002	0.001		
	FLAP4C_TS_SIN	0.000	-0.006	0.000	0.000	-0.002	0.001	0.005	0.005	-0.003	-0.003	0.000	0.000	0.003	-0.001	-0.001	-0.001		
	FLAP5C_TS_COS	0.060	0.009	0.003	0.006	-0.004	-0.125	0.004	0.012	0.002	-0.002	-0.001	0.002	0.003	0.005	-0.006	0.004		
	FLAP5C_TS_SIN	0.000	-0.006	0.000	0.003	0.013	0.010	-0.005	0.002	0.004	-0.001	-0.005	0.000	0.001	0.005	-0.001	-0.007		

RUN	POINT	Harmonics																	
		58	28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.023	0.000	-0.002	0.000	0.005	0.004	0.001	0.000	0.001	0.000	0.000	0.001	0.001	0.001	0.000	0.000	-0.001	0.001
FLAP1C	TS_SIN	0.000	0.001	0.000	0.000	-0.003	0.001	0.000	0.000	-0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.004	0.004	0.003
FLAP2C	TS_COS	0.034	0.001	-0.002	0.000	0.002	0.000	-0.003	-0.002	0.000	-0.001	0.000	-0.001	0.000	0.001	0.001	0.001	0.000	0.000
FLAP2C	TS_SIN	0.000	0.000	0.000	0.000	0.001	0.002	0.001	0.000	0.002	0.001	0.000	-0.001	-0.002	-0.002	0.001	0.001	0.004	0.003
FLAP3C	TS_COS	-0.059	-0.002	-0.002	0.001	0.002	0.000	-0.003	-0.002	0.000	-0.001	0.000	-0.001	0.001	0.000	0.001	0.000	0.000	0.001
FLAP3C	TS_SIN	0.000	0.001	0.000	0.000	-0.002	-0.001	0.000	0.000	-0.002	-0.001	0.000	0.000	0.000	0.001	0.002	0.005	0.004	0.004
FLAP4C	TS_COS	-0.017	-0.002	-0.002	0.000	0.003	0.000	-0.003	-0.002	0.000	-0.001	0.000	-0.001	0.000	0.000	-0.001	-0.002	0.001	0.001
FLAP4C	TS_SIN	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.004	0.003	0.003
FLAP5C	TS_COS	0.061	0.000	-0.001	0.001	0.004	0.001	-0.001	0.000	0.001	-0.001	0.000	0.001	0.001	0.000	-0.002	-0.002	0.000	0.000
FLAP5C	TS_SIN	0.000	0.000	-0.001	0.000	-0.001	0.001	0.001	0.002	0.002	0.002	0.000	-0.001	0.000	-0.001	0.000	0.002	0.002	0.002
RUN	POINT	Harmonics																	
58	29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	15
FLAP1C	TS_COS	0.025	0.001	0.001	0.001	0.002	0.000	0.005	0.003	0.001	0.000	0.001	0.001	0.000	0.000	-0.001	0.000	0.001	0.001
FLAP1C	TS_SIN	0.000	-0.003	0.001	0.000	0.000	0.000	-0.002	0.001	0.001	0.000	-0.001	0.000	0.001	0.001	0.004	0.004	0.002	0.002
FLAP2C	TS_COS	0.035	0.000	0.001	0.001	0.001	0.000	0.000	-0.001	-0.002	-0.001	-0.001	0.000	0.000	0.001	0.001	0.000	0.000	0.000
FLAP2C	TS_SIN	0.000	-0.003	0.001	0.000	0.000	0.001	0.000	0.001	0.000	-0.001	-0.001	-0.002	-0.001	0.000	0.001	0.004	0.003	0.003
FLAP3C	TS_COS	-0.060	0.001	0.001	0.000	0.001	0.000	0.001	0.000	-0.002	-0.002	-0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001
FLAP3C	TS_SIN	0.000	-0.001	-0.001	0.000	-0.002	-0.001	0.000	-0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.002	0.005	0.004	0.004
FLAP4C	TS_COS	-0.020	0.001	0.002	0.000	0.002	0.000	0.002	0.000	-0.002	-0.002	0.000	0.000	0.000	0.000	-0.001	-0.001	0.001	0.001
FLAP4C	TS_SIN	0.000	-0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	-0.001	-0.001	0.001	0.003	0.002	0.002
FLAP5C	TS_COS	0.063	0.001	0.001	0.001	0.003	0.001	0.001	0.001	-0.001	-0.001	0.001	0.001	0.001	-0.001	-0.002	-0.001	0.001	0.001
FLAP5C	TS_SIN	0.000	-0.002	0.000	-0.002	0.000	0.002	0.002	0.002	0.002	0.002	0.000	-0.001	-0.001	0.000	0.000	0.002	0.002	0.001

RUN	POINT	Harmonics																	
		58	30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.022	-0.001	-0.002	0.000	0.001	0.001	0.004	0.003	0.001	0.001	0.001	0.001	0.000	0.000	0.000	-0.001	0.000	0.001
FLAP1C	TS_SIN	0.000	-0.001	-0.002	-0.001	-0.001	0.000	-0.002	0.000	0.000	0.001	0.001	-0.001	0.001	0.001	0.001	0.003	0.004	0.002
FLAP2C	TS_COS	0.033	0.000	0.000	0.000	0.000	0.000	0.001	-0.001	-0.002	0.000	0.000	-0.001	-0.001	0.001	0.001	0.001	0.000	0.000
FLAP2C	TS_SIN	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.002	-0.001	-0.001	0.002	0.004	0.003
FLAP3C	TS_COS	-0.060	0.000	-0.001	0.000	0.000	0.000	0.001	0.001	-0.002	0.001	0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.001
FLAP3C	TS_SIN	0.000	0.001	-0.001	-0.001	0.000	0.000	-0.001	-0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.003	0.005	0.003
FLAP4C	TS_COS	-0.021	0.000	-0.001	0.000	0.000	0.000	0.001	0.000	-0.002	0.000	0.000	-0.001	0.000	0.000	0.000	-0.001	-0.001	0.001
FLAP4C	TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.003	0.002	0.002
FLAP5C	TS_COS	0.060	0.001	-0.001	0.000	0.000	0.000	0.002	0.001	-0.001	0.000	0.000	0.001	0.000	-0.001	-0.002	-0.001	0.001	0.001
FLAP5C	TS_SIN	0.000	0.003	-0.001	-0.001	0.000	0.000	0.000	0.001	0.002	0.001	0.002	0.002	0.001	0.000	0.000	0.002	0.002	0.001
RUN	POINT	Harmonics																	
58	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	15
FLAP1C	TS_COS	0.019	0.001	-0.001	0.000	0.001	-0.001	0.004	0.003	0.001	0.001	0.001	0.001	0.000	0.000	-0.001	0.000	0.001	0.001
FLAP1C	TS_SIN	0.000	0.000	-0.001	0.000	0.000	0.000	-0.002	0.001	0.001	0.001	-0.001	0.000	0.001	0.001	0.004	0.004	0.002	0.002
FLAP2C	TS_COS	0.030	0.001	-0.001	0.000	0.001	-0.001	0.000	-0.001	-0.003	-0.001	-0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000
FLAP2C	TS_SIN	0.000	-0.001	-0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.000	-0.001	-0.002	-0.002	0.001	0.001	0.004	0.003	0.003
FLAP3C	TS_COS	-0.064	0.001	0.000	0.000	0.000	0.000	0.001	0.000	-0.002	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001
FLAP3C	TS_SIN	0.000	0.000	-0.001	0.000	0.000	0.000	-0.002	-0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.003	0.005	0.004	0.004
FLAP4C	TS_COS	-0.025	0.001	0.000	0.000	0.000	0.000	0.001	-0.001	-0.003	-0.002	0.000	0.000	0.000	-0.001	-0.001	-0.001	0.001	0.001
FLAP4C	TS_SIN	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.004	0.003	0.003
FLAP5C	TS_COS	0.057	0.001	0.000	0.000	0.000	0.000	0.003	0.000	-0.001	0.000	0.001	0.000	0.000	-0.001	-0.002	-0.002	0.001	0.001
FLAP5C	TS_SIN	0.000	0.001	-0.002	0.000	0.000	0.000	0.000	0.001	0.002	0.002	0.001	0.000	-0.001	0.000	0.000	0.002	0.002	0.001

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
58	32	0.023	0.000	0.001	0.001	0.000	0.000	0.003	0.002	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.001
		0.000	-0.001	0.001	0.000	0.000	0.001	-0.001	0.002	0.000	0.000	-0.001	0.000	0.001	0.003	0.003	0.001
		0.035	-0.001	0.001	0.001	0.001	0.000	0.000	-0.001	-0.002	-0.001	-0.001	-0.001	0.000	0.001	0.001	0.000
		0.000	0.000	0.001	-0.001	0.000	0.000	0.001	0.001	0.000	0.000	-0.001	-0.002	-0.001	0.001	0.003	0.002
		-0.060	0.000	0.001	0.001	0.000	0.000	0.001	0.000	-0.002	-0.001	-0.001	0.000	0.000	0.001	0.000	0.001
		0.000	0.000	0.000	0.000	0.000	0.000	-0.001	0.000	-0.001	-0.001	0.000	0.000	0.001	0.002	0.004	0.002
		-0.019	0.001	0.002	0.001	0.000	0.000	0.001	-0.001	-0.002	-0.001	0.000	-0.001	-0.001	-0.001	0.000	0.001
		0.000	0.001	0.001	0.000	0.000	0.000	0.001	0.001	0.000	0.000	-0.001	0.000	0.000	0.001	0.002	0.001
58	33	0.027	0.000	-0.002	-0.001	0.001	0.001	0.004	0.003	0.002	0.001	0.002	0.000	0.000	-0.001	-0.001	0.000
		0.000	0.000	0.000	0.000	-0.001	0.001	-0.002	0.001	0.000	0.000	-0.001	0.000	0.001	0.003	0.003	0.002
		0.037	0.001	0.000	-0.001	0.000	0.000	0.000	-0.001	-0.002	-0.001	-0.001	0.000	0.001	0.001	0.000	0.000
		0.000	-0.001	0.000	0.000	-0.001	0.001	0.000	0.001	0.000	0.000	-0.001	-0.001	-0.001	0.001	0.004	0.003
		-0.057	-0.001	-0.002	-0.001	0.000	0.000	0.001	0.001	-0.002	-0.001	-0.001	0.000	0.000	0.000	0.000	0.001
		0.000	0.000	0.000	0.000	-0.001	0.001	-0.002	-0.002	-0.001	0.000	0.000	0.001	0.001	0.002	0.004	0.003
		-0.017	0.000	0.000	-0.001	0.001	0.000	0.001	0.000	-0.002	-0.002	0.000	0.000	-0.001	-0.002	-0.001	0.001
		0.000	0.000	0.000	0.000	-0.001	0.002	0.001	0.001	0.000	0.000	0.001	0.000	0.000	0.001	0.003	0.002
58	POINT	Harmonics	0.064	0.002	-0.001	-0.001	0.000	0.000	0.002	0.001	0.000	0.001	0.000	-0.001	-0.002	0.001	
			0.000	0.001	0.000	-0.001	-0.001	0.001	0.000	0.002	0.002	0.001	0.000	0.000	0.000	0.002	0.001
			0.000	0.001	0.000	-0.001	-0.001	0.001	0.000	0.000	0.001	0.002	0.001	0.000	0.000	0.002	0.001

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
58	34	0.023	0.000	0.000	-0.001	0.000	0.000	0.003	0.002	-0.001	-0.001	-0.001	0.000	0.000	-0.001	-0.003	-0.002
		FLAP1C_TS_COS															
		0.000	0.000	0.000	0.000	-0.001	-0.004	0.003	0.001	0.000	0.001	0.000	0.000	0.001	0.003	0.002	0.000
		FLAP1C_TS_SIN															
		0.034	-0.001	-0.001	0.001	0.000	0.001	0.000	-0.001	0.000	0.001	0.000	-0.002	-0.001	0.001	-0.003	-0.003
		FLAP2C_TS_COS															
		0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001	-0.002	0.000	0.001	0.001	-0.001	0.001	0.003	-0.001
		FLAP2C_TS_SIN															
		-0.060	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.001	0.001	0.000	0.000	0.000	-0.004	-0.003
		FLAP3C_TS_COS															
		0.000	0.000	0.001	0.001	0.000	-0.001	-0.002	0.000	-0.002	-0.001	0.000	0.000	0.001	0.002	0.002	0.000
		FLAP3C_TS_SIN															
		-0.020	-0.001	-0.001	0.000	0.000	0.002	0.002	-0.001	-0.001	0.001	0.000	-0.001	-0.001	-0.001	-0.003	-0.002
		FLAP4C_TS_COS															
		0.000	0.000	0.000	0.000	-0.001	0.000	0.000	0.001	-0.002	-0.001	-0.001	0.001	0.001	0.001	0.001	0.000
		FLAP4C_TS_SIN															
		0.060	0.000	0.000	-0.001	0.000	0.003	0.000	0.000	-0.003	-0.001	0.000	0.000	-0.001	-0.002	-0.002	-0.001
		FLAP5C_TS_COS															
		0.000	-0.001	0.000	0.001	-0.001	-0.001	-0.001	0.002	-0.001	-0.002	-0.001	0.000	0.000	0.000	0.000	0.000
		FLAP5C_TS_SIN															
58	35	0.021	0.000	-0.002	-0.001	0.001	0.000	0.005	0.003	0.002	0.001	0.001	0.000	0.000	-0.001	-0.001	0.001
		FLAP1C_TS_COS															
		0.000	0.001	-0.001	-0.001	0.000	0.000	-0.002	0.001	0.001	0.001	-0.001	0.000	0.001	0.003	0.004	0.002
		FLAP1C_TS_SIN															
		0.033	0.000	-0.001	-0.001	0.000	0.000	0.001	-0.001	-0.002	-0.001	-0.001	0.000	0.001	0.001	0.000	0.000
		FLAP2C_TS_COS															
		0.000	0.001	-0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	-0.001	-0.002	-0.002	0.001	0.004	0.003
		FLAP2C_TS_SIN															
		-0.061	-0.001	-0.002	-0.001	0.000	-0.001	0.001	0.000	-0.002	-0.001	0.000	0.000	0.000	0.000	0.000	0.001
		FLAP3C_TS_COS															
		0.000	0.001	-0.001	0.000	0.000	-0.002	-0.001	-0.001	-0.001	0.000	0.000	0.001	0.001	0.002	0.005	0.004
		FLAP3C_TS_SIN															
		-0.021	0.000	-0.002	0.000	0.000	0.002	0.000	0.000	-0.002	-0.002	0.000	0.000	0.000	-0.001	-0.001	0.001
		FLAP4C_TS_COS															
		0.000	0.000	-0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	-0.001	-0.001	0.001	0.003	0.003
		FLAP4C_TS_SIN															
		0.059	0.001	-0.001	-0.001	0.000	0.000	0.003	0.001	-0.001	0.000	0.001	0.000	0.000	-0.002	-0.002	0.001
		FLAP5C_TS_COS															
		0.000	0.002	-0.002	-0.001	-0.001	0.000	-0.001	0.001	0.002	0.003	0.001	0.000	-0.001	0.000	0.002	0.002
		FLAP5C_TS_SIN															

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
58	36																
	FLAP1C_TS_COS	0.020	0.000	0.001	0.000	0.000	0.005	0.003	0.001	0.000	0.001	0.000	0.000	0.000	-0.001	-0.001	0.001
	FLAP1C_TS_SIN	0.000	0.001	0.000	0.000	0.001	-0.002	0.002	0.001	0.000	-0.001	0.000	0.001	0.001	0.003	0.003	0.002
	FLAP2C_TS_COS	0.031	0.000	0.001	0.000	0.000	0.001	-0.001	-0.002	-0.001	-0.001	0.000	0.001	0.001	0.001	0.000	0.000
	FLAP2C_TS_SIN	0.000	0.001	0.000	0.000	0.001	0.000	0.001	0.000	0.000	-0.001	-0.002	-0.001	-0.001	0.001	0.004	0.002
	FLAP3C_TS_COS	-0.062	0.000	0.001	0.000	-0.001	0.002	0.001	-0.002	-0.002	-0.001	0.000	0.000	0.000	0.000	0.000	0.001
	FLAP3C_TS_SIN	0.000	0.000	0.000	0.000	0.000	-0.002	-0.001	-0.001	0.000	0.000	0.000	0.001	0.002	0.002	0.004	0.003
	FLAP4C_TS_COS	-0.024	0.001	0.000	0.000	-0.001	0.002	-0.001	-0.002	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.001	0.001
	FLAP4C_TS_SIN	0.000	0.002	0.001	0.001	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.003	0.002
	FLAP5C_TS_COS	0.060	-0.002	0.001	0.000	-0.001	0.003	0.001	-0.001	0.001	0.001	0.000	0.000	-0.002	-0.002	-0.002	0.001
	FLAP5C_TS_SIN	0.000	0.001	0.000	0.000	0.000	0.000	0.002	0.003	0.002	0.001	-0.001	-0.001	0.000	0.002	0.002	0.001
RUN	POINT	Harmonics															
58	37																
	FLAP1C_TS_COS	0.026	0.001	0.000	0.000	0.000	0.005	0.003	0.002	0.001	0.001	0.000	0.000	0.000	-0.001	0.000	0.001
	FLAP1C_TS_SIN	0.000	-0.001	0.000	0.000	0.000	-0.001	0.002	0.000	0.000	-0.001	0.001	0.001	0.001	0.003	0.003	0.001
	FLAP2C_TS_COS	0.037	0.001	0.001	-0.001	0.000	0.001	0.000	-0.002	-0.001	-0.001	-0.001	0.000	0.000	0.001	0.000	0.000
	FLAP2C_TS_SIN	0.000	-0.001	0.000	-0.001	0.000	0.001	0.002	0.001	0.000	-0.001	-0.001	-0.001	-0.001	0.001	0.003	0.002
	FLAP3C_TS_COS	-0.057	-0.002	-0.001	0.000	0.000	0.001	0.000	-0.002	-0.001	-0.001	0.000	0.000	0.000	0.000	0.001	0.001
	FLAP3C_TS_SIN	0.000	-0.001	0.000	-0.001	0.000	-0.001	-0.001	-0.001	-0.001	0.000	0.001	0.001	0.001	0.002	0.004	0.003
	FLAP4C_TS_COS	-0.015	-0.001	0.000	-0.001	0.001	0.002	0.000	-0.002	-0.001	-0.001	0.000	-0.001	-0.001	-0.002	-0.001	0.001
	FLAP4C_TS_SIN	0.000	-0.001	0.000	-0.001	0.000	0.001	0.001	0.001	0.000	0.001	0.000	0.000	0.001	0.001	0.003	0.002
	FLAP5C_TS_COS	0.064	0.001	0.000	0.000	0.000	0.002	0.001	-0.001	0.000	0.001	0.000	-0.001	-0.002	-0.001	-0.001	0.001
	FLAP5C TS SIN	0.000	0.000	0.000	-0.001	0.000	0.000	0.001	0.002	0.002	0.001	0.000	-0.001	0.000	0.001	0.001	0.001

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
58	38	0.026	0.000	-0.002	0.001	0.001	0.001	0.004	0.004	0.002	0.001	0.002	0.000	0.000	-0.001	0.000	0.001
		FLAP1C_TS_COS															
		0.000	-0.002	-0.001	-0.002	-0.001	-0.002	0.001	-0.002	0.001	0.001	-0.001	0.001	0.001	0.003	0.004	0.002
		FLAP1C_TS_SIN															
		0.036	-0.001	-0.001	0.002	0.000	0.000	0.000	-0.001	-0.002	0.000	0.000	-0.001	0.000	0.000	0.000	0.000
		FLAP2C_TS_COS															
		0.000	-0.002	0.000	0.000	0.000	0.001	0.000	0.001	0.000	0.000	0.000	-0.001	-0.001	0.001	0.004	0.003
		FLAP2C_TS_SIN															
		-0.058	0.000	-0.001	0.001	0.001	0.000	0.000	0.000	-0.002	-0.001	0.000	0.000	0.000	0.000	0.001	0.002
		FLAP3C_TS_COS															
		0.000	0.001	0.000	-0.001	0.000	0.001	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.001	0.002	0.005	0.004
		FLAP3C_TS_SIN															
		-0.017	0.000	0.000	0.001	0.000	0.001	0.000	0.000	-0.002	-0.001	0.000	0.000	-0.001	-0.001	-0.001	0.001
		FLAP4C_TS_COS															
		0.000	-0.002	0.000	-0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.003	0.002
		FLAP4C_TS_SIN															
		0.063	0.002	-0.001	0.001	0.000	0.002	0.001	0.001	-0.001	0.000	0.001	0.001	-0.001	-0.002	-0.001	0.001
		FLAP5C_TS_COS															
		0.000	-0.001	0.000	-0.001	-0.001	0.000	0.001	0.001	0.002	0.002	0.001	0.000	-0.001	0.000	0.002	0.001
		FLAP5C_TS_SIN															
58	39	0.024	0.000	-0.002	0.000	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.000	-0.001	0.000	0.000	0.000
		FLAP1C_TS_COS															
		0.000	-0.001	0.000	-0.001	-0.001	0.001	-0.001	0.001	0.000	0.001	0.000	0.001	0.001	0.003	0.004	0.001
		FLAP1C_TS_SIN															
		0.034	0.002	-0.001	0.001	0.000	0.000	-0.001	-0.001	-0.001	0.000	-0.001	-0.001	0.000	0.001	0.001	0.000
		FLAP2C_TS_COS															
		0.000	-0.001	0.000	-0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	0.001	0.004	0.003
		FLAP2C_TS_SIN															
		-0.060	0.001	-0.001	0.000	0.000	0.000	0.000	-0.001	-0.002	0.000	-0.001	0.000	0.000	0.000	0.000	0.001
		FLAP3C_TS_COS															
		0.000	0.000	0.000	-0.001	-0.001	0.001	-0.001	-0.001	-0.001	0.000	0.001	0.001	0.001	0.002	0.005	0.003
		FLAP3C_TS_SIN															
		-0.020	0.001	-0.001	0.000	0.000	0.000	-0.001	-0.002	0.000	0.000	0.000	-0.001	-0.001	-0.001	0.000	0.001
		FLAP4C_TS_COS															
		0.000	0.000	0.000	-0.001	-0.001	0.001	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.001	0.003	0.002
		FLAP4C_TS_SIN															
		0.060	0.001	-0.001	0.000	0.001	0.000	0.001	0.000	-0.001	0.000	0.001	0.000	-0.001	-0.001	-0.001	0.001
		FLAP5C_TS_COS															
		0.000	0.000	0.000	-0.001	-0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.000	0.000	0.000	0.002	0.001
		FLAP5C_TS_SIN															

RUN	POINT	Harmonics																	
		58	40	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.024	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.004	0.003	0.001	0.000	0.001	0.001	0.000	-0.001	0.000	0.001
FLAP1C	TS_SIN	0.000	0.000	0.001	0.000	-0.001	0.000	-0.001	0.000	-0.002	0.001	0.000	0.000	-0.002	0.000	0.001	0.004	0.004	0.002
FLAP2C	TS_COS	0.035	0.001	0.002	-0.001	0.000	0.000	0.000	0.000	0.001	-0.001	-0.002	-0.001	-0.001	0.000	0.000	0.001	0.000	0.000
FLAP2C	TS_SIN	0.000	0.000	0.001	-0.001	0.001	-0.001	-0.001	0.000	0.000	0.001	0.000	0.000	-0.001	-0.002	-0.001	0.001	0.004	0.003
FLAP3C	TS_COS	-0.059	0.001	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.001	-0.002	-0.001	-0.001	0.000	0.000	0.000	0.000	0.001
FLAP3C	TS_SIN	0.000	-0.001	0.000	-0.001	0.000	-0.001	-0.001	0.001	-0.002	-0.001	0.000	0.000	0.000	0.001	0.001	0.003	0.005	0.004
FLAP4C	TS_COS	-0.018	0.001	0.002	-0.001	0.001	0.001	0.001	0.000	0.002	0.000	-0.003	-0.001	0.000	0.000	-0.001	-0.001	-0.001	0.001
FLAP4C	TS_SIN	0.000	0.001	0.001	0.000	0.000	0.000	-0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.001	0.001	0.003	0.002
FLAP5C	TS_COS	0.061	0.001	0.001	0.000	0.001	0.000	0.001	0.000	0.002	0.001	-0.001	-0.001	0.001	0.001	0.000	-0.002	-0.001	0.001
FLAP5C	TS_SIN	0.000	-0.001	0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.003	0.002	0.000	-0.001	-0.001	0.000	0.002	0.001
RUN	POINT	Harmonics																	
58	41	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	15
FLAP1C	TS_COS	0.022	0.000	-0.001	0.000	0.001	0.000	0.006	0.004	0.002	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	0.001	0.001
FLAP1C	TS_SIN	0.000	0.000	-0.001	0.000	0.000	0.000	-0.002	0.001	0.001	0.001	-0.001	0.000	0.001	0.001	0.003	0.004	0.003	0.003
FLAP2C	TS_COS	0.034	0.000	0.000	0.000	0.000	0.001	0.002	0.000	-0.002	-0.002	-0.002	-0.001	0.000	0.000	0.001	0.000	0.000	0.000
FLAP2C	TS_SIN	0.000	0.000	0.000	-0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.001	-0.001	-0.002	-0.002	0.001	0.004	0.003	0.003
FLAP3C	TS_COS	-0.060	0.000	0.000	0.000	0.000	0.000	0.001	0.001	-0.002	-0.002	-0.002	-0.001	0.000	0.000	0.000	0.000	0.001	0.001
FLAP3C	TS_SIN	0.000	0.000	-0.001	0.000	0.000	0.000	-0.002	-0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.004	0.004	0.004
FLAP4C	TS_COS	-0.021	0.000	-0.001	0.000	0.000	0.000	0.003	0.000	-0.002	0.000	-0.002	-0.001	0.000	-0.001	-0.002	-0.002	0.001	0.001
FLAP4C	TS_SIN	0.000	-0.001	0.000	-0.001	0.000	-0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.001	0.003	0.003	0.003
FLAP5C	TS_COS	0.061	0.001	0.000	0.001	0.000	0.001	0.003	0.002	-0.001	-0.001	-0.001	0.000	0.000	0.000	-0.002	-0.002	0.000	0.000
FLAP5C	TS_SIN	0.000	0.000	-0.002	0.000	0.000	0.000	0.000	0.002	0.003	0.003	0.003	0.001	-0.001	-0.001	0.000	0.002	0.002	0.002

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
58	42	0.025	-0.001	-0.005	-0.001	0.001	0.000	0.005	0.004	0.003	0.001	0.001	0.000	0.000	0.000	-0.001	0.000	0.000
		0.000	0.002	-0.001	0.000	-0.001	0.000	-0.003	0.001	0.001	0.001	-0.001	0.000	0.001	0.003	0.003	0.004	0.003
		0.037	0.000	-0.003	0.000	-0.001	0.000	0.001	0.001	-0.001	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000
		0.000	0.001	-0.002	0.000	0.000	0.000	0.000	0.001	0.002	0.002	0.000	-0.002	-0.002	0.001	0.004	0.003	0.003
		-0.058	-0.002	-0.005	-0.001	0.000	0.000	0.001	0.000	-0.001	-0.001	0.000	0.001	0.001	0.000	0.000	0.001	0.001
		0.000	0.001	-0.002	0.000	0.000	0.000	-0.002	-0.002	-0.001	0.001	0.001	0.001	0.001	0.003	0.005	0.004	0.004
		-0.016	-0.002	-0.004	0.000	0.000	0.000	0.002	0.000	-0.002	-0.001	0.000	0.000	-0.001	-0.002	-0.001	0.001	0.001
		0.000	-0.001	-0.002	-0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	-0.001	-0.001	0.001	0.004	0.003	0.003
58	43	0.062	-0.001	-0.004	-0.001	0.000	0.000	0.003	0.001	-0.001	0.000	0.001	0.000	-0.001	-0.002	-0.002	0.001	0.001
		0.000	0.002	-0.003	0.000	0.000	0.000	-0.001	0.001	0.003	0.003	0.001	0.000	-0.001	0.000	0.002	0.002	0.002
		RUN POINT Harmonics																
		0.024	-0.001	-0.001	0.000	-0.001	0.001	0.005	0.003	0.001	0.000	0.002	0.001	0.000	0.000	-0.001	0.000	0.001
		0.000	-0.001	0.000	-0.001	-0.001	0.000	-0.003	0.002	0.000	0.000	-0.002	0.000	0.001	0.001	0.004	0.004	0.002
		0.036	-0.002	0.000	0.000	-0.001	0.001	0.001	0.000	-0.002	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000
		0.000	-0.001	0.000	-0.001	-0.001	-0.001	0.000	0.002	0.001	0.000	-0.001	-0.002	-0.002	0.001	0.004	0.002	0.002
		-0.059	-0.001	0.000	0.000	-0.001	0.001	0.001	0.000	-0.002	-0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001
58	43	0.000	0.000	0.000	-0.001	0.000	-0.001	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.001	0.003	0.005	0.003	0.003
		-0.016	-0.001	0.000	0.000	-0.001	0.001	0.002	0.000	-0.002	0.000	0.000	0.000	0.000	-0.001	-0.001	0.001	0.001
		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.001	0.003	0.002	0.002
		0.062	-0.001	0.000	0.000	-0.001	0.001	0.003	0.001	-0.001	0.000	0.001	0.001	-0.001	-0.002	-0.002	-0.002	0.001
		0.000	0.002	0.000	0.000	0.000	0.000	-0.001	0.001	0.003	0.003	0.001	0.000	-0.001	0.000	0.002	0.002	0.002
		RUN POINT Harmonics																
		0.024	-0.001	-0.001	0.000	-0.001	0.001	0.005	0.003	0.001	0.000	0.002	0.001	0.000	0.000	-0.001	0.000	0.001
		0.000	-0.001	0.000	-0.001	-0.001	0.000	-0.003	0.002	0.000	0.000	-0.002	0.000	0.001	0.001	0.004	0.004	0.002
0.036	-0.002	0.000	0.000	-0.001	-0.001	0.001	0.000	-0.002	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000		
0.000	-0.001	0.000	-0.001	-0.001	-0.001	0.000	0.002	0.001	0.000	-0.001	-0.002	-0.002	0.001	0.001	0.004	0.002		
58	43	-0.059	-0.001	0.000	0.000	-0.001	0.001	0.001	0.000	-0.002	-0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001
		0.000	0.000	0.000	-0.001	0.000	-0.001	-0.001	-0.001	-0.001	0.000	0.000	0.001	0.001	0.003	0.005	0.003	0.003
		-0.016	-0.001	0.000	0.000	-0.001	0.001	0.002	0.000	-0.002	0.000	0.000	0.000	0.000	-0.001	-0.001	0.001	0.001
		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.001	0.003	0.002	0.002
		0.062	-0.001	0.000	0.000	-0.001	0.001	0.003	0.001	-0.001	0.000	0.001	0.001	-0.001	-0.002	-0.002	-0.002	0.001
		0.000	0.002	0.000	0.000	0.000	0.000	-0.001	0.001	0.003	0.003	0.001	0.000	-0.001	0.001	0.002	0.002	0.001
		RUN POINT Harmonics																
		0.024	-0.001	-0.001	0.000	-0.001	0.001	0.005	0.003	0.001	0.000	0.002	0.001	0.000	0.000	-0.001	0.000	0.001
0.000	-0.001	0.000	-0.001	-0.001	0.000	-0.003	0.002	0.000	0.000	-0.002	0.000	0.001	0.001	0.004	0.004	0.002		
0.036	-0.002	0.000	0.000	-0.001	-0.001	0.001	0.000	-0.002	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	-0.001	0.000	-0.001	-0.001	-0.001	0.000	0.002	0.001	0.000	-0.001	-0.002	-0.002	0.001	0.001	0.004	0.002	0.002	
58	43	-0.059	-0.001	0.000	0.000	-0.001	0.001	0.001	0.000	-0.002	-0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001
		0.000	0.000	0.000	-0.001	0.000	-0.001	-0.001	-0.001	-0.001	0.000	0.000	0.001	0.001	0.003	0.005	0.003	0.003
		-0.016	-0.001	0.000	0.000	-0.001	0.001	0.002	0.000	-0.002	0.000	0.000	0.000	0.000	-0.001	-0.001	0.001	0.001
		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.001	0.003	0.002	0.002
		0.062	-0.001	0.000	0.000	-0.001	0.001	0.003	0.001	-0.001	0.000	0.001	0.001	-0.001	-0.002	-0.002	-0.002	0.001
		0.000	0.002	0.000	0.000	0.000	0.000	-0.001	0.001	0.003	0.003	0.001	0.000	-0.001	0.001	0.002	0.002	0.001
		RUN POINT Harmonics																
		0.024	-0.001	-0.001	0.000	-0.001	0.001	0.005	0.003	0.001	0.000	0.002	0.001	0.000	0.000	-0.001	0.000	0.001
0.000	-0.001	0.000	-0.001	-0.001	0.000	-0.003	0.002	0.000	0.000	-0.002	0.000	0.001	0.001	0.004	0.004	0.002		
0.036	-0.002	0.000	0.000	-0.001	-0.001	0.001	0.000	-0.002	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	-0.001	0.000	-0.001	-0.001	-0.001	0.000	0.002	0.001	0.000	-0.001	-0.002	-0.002	0.001	0.001	0.004	0.002	0.002	
58	43	-0.059	-0.001	0.000	0.000	-0.001	0.001	0.001	0.000	-0.002	-0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001
		0.000	0.000	0.000	-0.001	0.000	-0.001	-0.001	-0.001	-0.001	0.000	0.000	0.001	0.001	0.003	0.005	0.003	0.003
		-0.016	-0.001	0.000	0.000	-0.001	0.001	0.002	0.000	-0.002	0.000	0.000	0.000	0.000	-0.001	-0.001	0.001	0.001
		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.001	0.003	0.002	0.002
		0.062	-0.001	0.000	0.000	-0.001	0.001	0.003	0.001	-0.001	0.000	0.001	0.001	-0.001	-0.002	-0.002	-0.002	0.001
		0.000	0.002	0.000	0.000	0.000	0.000	-0.001	0.001	0.003	0.003	0.001	0.000	-0.001	0.001	0.002	0.002	0.001
		RUN POINT Harmonics																
		0.024	-0.001	-0.001	0.000	-0.001	0.001	0.005	0.003	0.001	0.000	0.002	0.001	0.000	0.000	-0.001	0.000	0.001
0.000	-0.001	0.000	-0.001	-0.001	0.000	-0.003	0.002	0.000	0.000	-0.002	0.000	0.001	0.001	0.004	0.004	0.002		
0.036	-0.002	0.000	0.000	-0.001	-0.001	0.001	0.000	-0.002	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	-0.001	0.000	-0.001	-0.001	-0.001	0.000	0.002	0.001	0.000	-0.001	-0.002	-0.002	0.001	0.001	0.004	0.002	0.002	
58	43	-0.059	-0.001	0.000	0.000	-0.001	0.001	0.001	0.000	-0.002	-0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001
		0.000	0.000	0.000	-0.001	0.000	-0.001	-0.001	-0.001	-0.001	0.000	0.000	0.001	0.001	0.003	0.005	0.003	0.003
		-0.016	-0.001	0.000	0.000	-0.001	0.001	0.002	0.000	-0.002	0.000	0.000	0.000	0.000	-0.001	-0.001	0.001	0.001
		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.001	0.003	0.002	0.002
		0.062	-0.001	0.000	0.000	-0.001	0.001	0.003	0.001	-0.001	0.000	0.001	0.001	-0.001	-0.002	-0.002	-0.002	0.001
		0.000	0.002	0.000	0.000	0.000	0.000	-0.001	0.001	0.003	0.003	0.001	0.000	-0.001	0.001	0.002	0.002	0.001
		RUN POINT Harmonics																
		0.024	-0.001	-0.001	0.000	-0.001	0.001	0.005	0.003	0.001	0.000	0.002	0.001	0.000	0.000	-0.001	0.000	0.001
0.000	-0.001	0.000	-0.001	-0.001	0.000	-0.003	0.002	0.000	0.000	-0.002	0.000	0.001	0.001	0.004	0.004	0.002		
0.036	-0.002	0.000	0.000	-0.001	-0.001	0.001	0.000	-0.002	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	-0.001	0.000	-0.001	-0.001	-0.001	0.000	0.002	0.001	0.000	-0.001	-0.002	-0.002	0.001	0.001	0.004	0.002	0.002	
58	43	-0.059	-0.001	0.000	0.000	-0.001	0.001	0.001	0.000	-0.002	-0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001
		0.000	0.000	0.000	-0.001	0.000	-0.001	-0.001	-0.001	-0.001	0.000	0.000	0.001	0.001	0.003	0.005	0.003	0.003
		-0.016	-0.001	0.000	0.000	-0.001	0.001	0.002	0.000	-0.002	0.000	0.000	0.000	0.000	-0.001	-0.001	0.001	0.001
		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.001	0.003	0.002	0.002
		0.062	-0.001	0.000	0.000	-0.001	0.001	0.00										

RUN	POINT	Harmonics																	
		58	44	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.024	0.000	0.000	0.000	-0.001	0.001	0.006	0.004	0.002	0.000	0.000	0.001	0.000	0.000	0.000	-0.001	-0.001	0.001
FLAP1C	TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	-0.003	0.002	0.001	0.001	0.001	-0.001	-0.002	0.000	0.001	0.003	0.004	0.002
FLAP2C	TS_COS	0.037	-0.001	0.000	0.000	0.000	0.000	0.001	0.000	-0.001	0.000	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000
FLAP2C	TS_SIN	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.001	0.001	0.001	-0.001	-0.002	-0.002	0.001	0.004	0.003
FLAP3C	TS_COS	-0.059	-0.001	0.000	0.000	0.000	0.001	0.001	0.001	-0.002	0.001	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	0.001
FLAP3C	TS_SIN	0.000	0.000	0.000	0.000	0.000	0.000	-0.002	-0.002	-0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.005	0.004
FLAP4C	TS_COS	-0.019	-0.001	0.000	0.000	0.000	0.001	0.002	0.000	-0.002	0.000	-0.002	-0.001	0.000	0.000	-0.001	-0.001	-0.001	0.001
FLAP4C	TS_SIN	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	-0.001	0.000	0.000	0.001	0.004	0.003
FLAP5C	TS_COS	0.061	-0.001	0.000	-0.001	0.000	0.001	0.003	0.001	-0.001	0.000	-0.001	0.000	0.001	0.001	0.000	-0.002	-0.002	0.001
FLAP5C	TS_SIN	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	0.001	0.003	0.001	0.003	0.002	0.001	-0.001	-0.001	0.000	0.002	0.001
RUN	POINT	Harmonics																	
58	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	15
FLAP1C	TS_COS	0.024	0.002	0.004	0.064	0.005	-0.002	0.014	0.007	-0.008	0.018	0.017	0.009	0.013	0.003	-0.009	0.006	0.006	0.006
FLAP1C	TS_SIN	0.000	0.000	0.001	1.483	-0.003	0.003	-0.020	-0.030	0.022	0.088	0.003	0.007	-0.002	0.004	0.020	0.006	0.006	0.006
FLAP2C	TS_COS	0.033	0.001	0.002	0.064	0.001	-0.002	0.006	0.002	-0.020	-0.001	0.005	-0.003	0.016	0.008	-0.005	0.005	0.005	0.005
FLAP2C	TS_SIN	0.000	-0.001	0.001	1.483	-0.002	0.002	-0.007	-0.020	0.032	0.110	0.007	-0.004	-0.011	-0.002	0.022	0.022	0.022	0.022
FLAP3C	TS_COS	-0.060	0.002	0.000	0.062	0.000	0.000	0.007	-0.015	-0.010	0.025	0.013	0.001	0.011	-0.002	0.001	0.011	0.011	0.011
FLAP3C	TS_SIN	0.000	0.000	-0.001	1.479	-0.002	0.002	-0.004	-0.033	0.012	0.073	0.006	0.000	-0.002	-0.003	0.027	0.009	0.009	0.009
FLAP4C	TS_COS	-0.021	0.003	0.002	0.064	0.003	-0.001	0.024	-0.015	-0.023	-0.003	0.014	0.007	0.019	0.004	-0.009	0.010	0.010	0.010
FLAP4C	TS_SIN	0.000	0.004	-0.001	1.485	0.000	0.003	0.014	-0.021	0.022	0.110	0.001	-0.005	-0.002	-0.001	0.021	0.032	0.032	0.032
FLAP5C	TS_COS	0.061	0.002	0.003	0.063	0.005	-0.002	0.016	-0.001	-0.014	0.025	0.020	0.012	0.014	0.001	-0.005	0.005	0.005	0.005
FLAP5C	TS_SIN	0.000	-0.001	-0.001	1.484	0.000	0.002	-0.013	-0.035	0.028	0.113	0.006	0.004	-0.008	-0.012	0.017	0.004	0.004	0.004

RUN	POINT	Harmonics																
		58	46	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
FLAP1C	TS_COS	0.017	0.001	0.004	1.481	-0.002	-0.002	0.018	0.005	-0.006	-0.086	0.012	-0.007	-0.001	0.005	0.002	0.008	0.008
FLAP1C	TS_SIN	0.000	-0.001	0.001	-0.069	0.001	-0.001	-0.004	-0.021	0.012	0.015	-0.019	-0.002	0.008	0.003	0.005	-0.004	-0.004
FLAP2C	TS_COS	0.029	0.000	0.004	1.482	-0.001	-0.001	0.026	0.017	-0.015	-0.095	0.006	-0.008	-0.003	-0.012	0.006	0.005	0.005
FLAP2C	TS_SIN	0.000	0.000	0.003	-0.070	0.001	0.001	-0.011	0.002	0.009	0.005	0.003	0.000	0.013	0.002	0.002	-0.001	-0.001
FLAP3C	TS_COS	-0.063	0.000	0.002	1.478	0.000	0.000	0.020	0.015	-0.004	-0.069	-0.004	-0.010	-0.002	-0.010	-0.002	-0.007	-0.007
FLAP3C	TS_SIN	0.000	-0.001	0.001	-0.068	0.002	0.000	-0.011	-0.003	0.008	0.029	-0.007	-0.004	0.011	0.006	0.005	-0.003	-0.003
FLAP4C	TS_COS	-0.025	0.000	0.001	1.484	0.001	-0.001	0.026	0.028	-0.023	-0.092	0.007	-0.005	-0.001	-0.013	-0.003	0.008	0.008
FLAP4C	TS_SIN	0.000	-0.001	0.001	-0.071	0.001	0.001	-0.023	0.007	0.012	-0.005	0.011	0.001	0.017	0.006	0.004	0.002	0.002
FLAP5C	TS_COS	0.056	0.001	0.003	1.483	-0.001	-0.001	0.011	0.015	-0.006	-0.097	0.016	-0.008	0.001	0.000	-0.001	0.000	0.000
FLAP5C	TS_SIN	0.000	-0.001	0.000	-0.069	-0.001	-0.001	-0.020	-0.012	0.017	0.034	-0.002	0.000	0.002	0.008	-0.002	-0.006	-0.006
RUN	POINT	Harmonics																
58	47	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15
FLAP1C	TS_COS	0.020	0.001	-0.004	1.250	0.000	-0.001	0.026	0.009	0.001	0.001	-0.007	-0.021	0.007	0.002	-0.007	0.001	0.001
FLAP1C	TS_SIN	0.000	0.002	-0.003	-0.799	0.001	0.000	-0.012	0.000	0.006	0.082	-0.013	-0.005	0.005	0.004	0.000	0.013	0.013
FLAP2C	TS_COS	0.032	0.000	-0.003	1.252	0.001	0.000	0.029	0.036	-0.014	-0.012	0.005	-0.007	0.005	-0.002	-0.004	0.000	0.000
FLAP2C	TS_SIN	0.000	0.002	-0.002	-0.799	0.003	0.000	-0.028	0.006	0.020	0.088	-0.018	-0.003	0.013	0.009	-0.002	0.005	0.005
FLAP3C	TS_COS	-0.062	0.000	-0.003	1.248	0.002	-0.001	0.022	0.021	0.004	0.017	-0.007	-0.017	0.008	0.005	-0.006	0.007	0.007
FLAP3C	TS_SIN	0.000	0.001	0.000	-0.794	0.002	0.000	-0.020	-0.006	0.002	0.068	-0.007	-0.003	0.008	0.005	0.007	0.021	0.021
FLAP4C	TS_COS	-0.021	0.000	-0.006	1.252	0.002	0.000	0.023	0.047	-0.013	-0.015	0.009	-0.003	0.005	-0.001	-0.012	-0.008	-0.008
FLAP4C	TS_SIN	0.000	0.000	-0.002	-0.802	0.000	-0.001	-0.020	-0.003	0.031	0.083	-0.015	-0.006	0.013	0.018	-0.001	0.010	0.010
FLAP5C	TS_COS	0.058	0.000	-0.005	1.252	0.000	0.000	0.013	0.024	0.003	0.013	0.006	-0.018	0.004	0.011	-0.007	0.000	0.000
FLAP5C	TS_SIN	0.000	0.003	-0.004	-0.798	-0.001	0.000	-0.019	-0.012	0.015	0.095	-0.015	-0.001	0.010	0.009	-0.001	0.010	0.010

RUN	POINT	Harmonics																	
		58	48	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.024	0.001	0.003	0.689	-0.003	0.000	0.024	0.010	-0.004	0.068	-0.004	0.001	0.000	0.000	-0.011	-0.017	-0.003	
FLAP1C	TS_SIN	0.000	-0.001	0.000	-1.312	0.002	-0.002	-0.007	0.014	0.014	-0.008	0.014	-0.001	-0.004	-0.004	0.005	0.006	-0.001	
FLAP2C	TS_COS	0.035	0.000	0.004	0.691	0.001	0.000	0.010	0.032	-0.001	0.078	-0.015	0.007	0.009	0.009	0.003	-0.003	0.003	
FLAP2C	TS_SIN	0.000	0.000	0.000	-1.312	0.004	-0.001	-0.029	0.000	0.027	0.005	-0.012	-0.008	-0.007	-0.007	-0.007	0.006	0.011	
FLAP3C	TS_COS	-0.060	-0.001	0.003	0.691	0.001	-0.001	0.007	0.013	0.006	0.064	-0.002	-0.005	0.000	0.000	0.001	-0.004	0.000	
FLAP3C	TS_SIN	0.000	-0.002	0.002	-1.307	0.002	-0.001	-0.009	-0.003	0.012	-0.017	0.002	0.000	-0.003	-0.003	-0.008	0.009	-0.001	
FLAP4C	TS_COS	-0.020	0.001	0.001	0.690	0.000	0.000	0.023	0.040	0.006	0.083	-0.010	0.006	0.001	0.000	0.000	-0.011	0.010	
FLAP4C	TS_SIN	0.000	0.000	0.003	-1.315	0.001	-0.001	-0.003	-0.012	0.039	0.006	-0.011	-0.005	0.007	0.007	-0.005	0.009	0.020	
FLAP5C	TS_COS	0.061	0.000	0.001	0.692	-0.002	0.001	0.007	0.009	0.006	0.082	0.001	0.008	0.007	0.007	-0.003	-0.011	0.004	
FLAP5C	TS_SIN	0.000	-0.001	0.001	-1.313	0.000	-0.002	-0.006	-0.011	0.018	-0.018	-0.008	-0.003	-0.002	-0.002	0.000	-0.002	-0.002	
RUN	POINT	Harmonics																	
58	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	0.017	-0.001	0.001	-0.072	-0.003	-0.001	0.017	0.016	-0.010	-0.023	0.003	0.005	0.005	0.005	-0.009	-0.026	-0.025	
FLAP1C	TS_SIN	0.000	-0.003	-0.002	-1.478	0.002	-0.003	-0.006	0.016	0.010	-0.066	0.018	-0.002	0.001	0.001	-0.001	0.015	0.024	
FLAP2C	TS_COS	0.028	0.001	0.005	-0.071	-0.001	-0.001	0.000	0.016	0.012	-0.011	-0.008	0.000	0.010	0.010	-0.002	-0.006	-0.019	
FLAP2C	TS_SIN	0.000	-0.003	-0.002	-1.478	0.001	-0.002	-0.012	-0.015	0.006	-0.073	0.025	-0.006	-0.009	-0.009	-0.008	0.009	0.014	
FLAP3C	TS_COS	-0.064	0.000	0.004	-0.070	0.000	-0.001	0.002	0.006	0.005	-0.021	0.004	0.000	0.007	0.007	-0.003	-0.012	-0.016	
FLAP3C	TS_SIN	0.000	-0.002	0.000	-1.475	-0.001	-0.002	0.007	-0.004	0.001	-0.060	0.015	0.003	0.001	0.001	-0.006	0.007	0.029	
FLAP4C	TS_COS	-0.025	0.001	0.004	-0.072	-0.002	-0.002	0.032	0.016	0.010	-0.003	-0.003	0.011	0.013	0.013	-0.014	-0.018	-0.013	
FLAP4C	TS_SIN	0.000	-0.003	0.001	-1.481	0.000	0.000	0.008	-0.012	0.019	-0.082	0.018	-0.003	0.007	0.007	-0.002	0.006	0.003	
FLAP5C	TS_COS	0.055	0.000	0.001	-0.071	-0.003	-0.001	0.010	0.003	-0.005	-0.031	-0.002	0.005	0.010	0.010	-0.003	-0.024	-0.017	
FLAP5C	TS_SIN	0.000	-0.001	0.000	-1.480	0.000	-0.002	0.005	-0.001	0.001	-0.081	0.026	-0.007	-0.007	-0.007	-0.006	0.005	0.013	

RUN	POINT	Harmonics																	
		58	50	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.017	0.001	0.000	-0.799	0.001	-0.001	0.012	0.020	-0.025	-0.082	0.005	0.009	0.005	0.005	0.005	-0.007	-0.025	0.002
FLAP1C	TS_SIN	0.000	0.000	0.000	-1.249	0.001	0.002	0.014	0.004	-0.011	0.018	0.009	-0.001	0.003	-0.003	0.015	0.000		
FLAP2C	TS_COS	0.028	0.000	0.000	-0.797	0.005	0.000	0.001	0.003	-0.017	-0.089	0.007	0.006	0.003	0.000	-0.010	-0.001		
FLAP2C	TS_SIN	0.000	0.001	-0.002	-1.253	0.000	0.002	0.032	-0.003	-0.027	0.007	0.014	0.009	0.011	-0.003	0.013	0.022		
FLAP3C	TS_COS	-0.065	-0.001	0.003	-0.794	0.003	-0.001	0.011	0.002	-0.016	-0.057	-0.001	0.008	0.003	-0.003	-0.013	0.012		
FLAP3C	TS_SIN	0.000	0.000	0.000	-1.247	-0.002	0.001	0.032	-0.009	-0.024	0.021	0.018	0.006	0.007	-0.002	0.016	-0.003		
FLAP4C	TS_COS	-0.027	0.001	0.002	-0.801	0.001	-0.001	0.030	0.004	-0.020	-0.094	0.003	0.008	0.008	-0.001	-0.015	0.000		
FLAP4C	TS_SIN	0.000	0.002	0.003	-1.252	-0.002	0.001	0.028	0.001	-0.018	0.001	0.021	0.008	0.006	0.001	0.013	0.020		
FLAP5C	TS_COS	0.054	0.001	0.001	-0.800	0.001	-0.002	0.006	0.014	-0.018	-0.097	0.008	0.006	0.006	-0.011	-0.011	0.006		
FLAP5C	TS_SIN	0.000	0.001	0.002	-1.252	-0.001	0.001	0.020	-0.007	-0.016	0.033	0.021	0.004	0.009	-0.006	0.011	0.006		
RUN	POINT	Harmonics																	
58	51	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.022	-0.002	-0.001	-1.317	0.003	0.001	0.022	0.026	-0.022	0.011	0.002	-0.004	-0.001	-0.005	-0.001	-0.013		
FLAP1C	TS_SIN	0.000	-0.002	-0.001	-0.683	0.000	0.001	0.017	-0.013	-0.008	0.072	-0.003	-0.001	0.004	-0.014	0.010	-0.001		
FLAP2C	TS_COS	0.032	-0.001	0.000	-1.319	0.004	0.000	0.020	0.009	-0.026	0.014	0.006	0.000	-0.004	-0.005	-0.001	-0.009		
FLAP2C	TS_SIN	0.000	-0.002	-0.001	-0.683	-0.001	-0.001	0.046	-0.008	-0.013	0.085	0.000	0.006	-0.004	-0.011	0.014	-0.011		
FLAP3C	TS_COS	-0.060	-0.001	0.002	-1.312	0.002	-0.001	0.031	0.002	-0.028	0.024	0.005	0.005	-0.008	-0.004	0.001	-0.023		
FLAP3C	TS_SIN	0.000	-0.002	-0.002	-0.682	-0.002	0.000	0.032	-0.005	-0.016	0.050	0.005	0.009	0.002	-0.005	0.014	0.002		
FLAP4C	TS_COS	-0.022	0.001	0.003	-1.320	-0.001	0.001	0.038	0.021	-0.029	-0.005	0.007	0.007	-0.009	-0.008	-0.003	0.001		
FLAP4C	TS_SIN	0.000	0.001	0.001	-0.684	-0.003	0.001	0.024	-0.006	-0.003	0.090	0.008	0.013	0.003	-0.013	0.012	-0.009		
FLAP5C	TS_COS	0.059	-0.001	0.002	-1.319	0.001	-0.001	0.020	0.011	-0.022	0.030	0.010	0.000	0.010	0.000	-0.001	-0.016		
FLAP5C	TS_SIN	0.000	-0.002	0.001	-0.684	0.001	0.000	0.031	-0.017	-0.010	0.085	-0.002	0.006	-0.001	-0.001	0.011	-0.001		

RUN	POINT	Harmonics																
		52	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.022	0.000	-0.001	-0.001	0.002	0.092	0.001	0.073	0.014	-0.021	0.004	0.015	-0.001	0.003	0.006	-0.002	0.010
FLAP1C	TS_SIN	0.000	-0.001	0.000	0.000	0.001	1.483	-0.001	0.018	-0.006	0.025	0.020	-0.009	-0.004	0.096	0.003	0.011	0.017
FLAP2C	TS_COS	0.033	-0.001	-0.003	-0.001	-0.001	0.090	-0.002	0.070	0.031	-0.039	-0.005	0.004	-0.019	-0.028	-0.004	0.011	0.011
FLAP2C	TS_SIN	0.000	0.001	0.000	0.000	0.001	1.484	-0.001	0.018	-0.010	0.031	0.020	0.011	0.015	0.108	-0.005	0.016	0.006
FLAP3C	TS_COS	-0.061	0.000	0.000	0.000	-0.002	0.089	-0.002	0.062	0.010	-0.034	-0.006	0.012	-0.002	0.019	-0.001	0.006	0.014
FLAP3C	TS_SIN	0.000	0.000	0.000	0.000	-0.001	1.479	0.001	0.010	-0.005	0.036	0.011	0.006	0.006	0.091	0.004	0.004	0.006
FLAP4C	TS_COS	-0.023	0.000	-0.002	-0.001	-0.001	0.091	0.001	0.072	0.038	-0.041	-0.015	0.010	-0.011	-0.032	0.002	0.006	0.011
FLAP4C	TS_SIN	0.000	0.003	0.001	0.001	-0.003	1.485	0.003	0.030	-0.008	0.050	0.006	0.010	0.011	0.111	0.000	0.016	0.008
FLAP5C	TS_COS	0.059	0.000	0.000	0.000	0.001	0.091	0.003	0.052	0.023	-0.027	-0.008	0.014	-0.005	0.010	0.005	-0.001	0.008
FLAP5C	TS_SIN	0.000	0.001	0.000	0.000	-0.001	1.484	0.001	0.016	-0.024	0.037	0.017	-0.005	0.012	0.118	0.001	0.012	0.004
RUN	POINT	Harmonics																
58	53	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15
FLAP1C	TS_COS	0.019	0.000	0.005	0.001	0.813	0.000	0.057	0.005	0.004	0.005	-0.004	-0.001	0.094	0.094	-0.016	0.004	0.013
FLAP1C	TS_SIN	0.000	-0.001	0.000	0.000	0.000	1.246	-0.003	-0.016	0.005	0.046	0.010	-0.010	-0.002	0.010	-0.003	0.021	0.021
FLAP2C	TS_COS	0.029	0.000	0.005	0.000	0.000	0.813	-0.002	0.061	-0.001	-0.012	-0.005	-0.001	0.007	0.096	-0.032	0.011	0.003
FLAP2C	TS_SIN	0.000	0.000	0.001	0.000	0.000	1.249	-0.001	-0.005	-0.005	0.068	0.020	-0.005	0.017	0.031	0.003	0.004	0.019
FLAP3C	TS_COS	-0.063	0.000	0.003	-0.002	-0.002	0.809	0.000	0.049	0.003	0.009	-0.006	-0.009	0.007	0.088	-0.017	0.000	0.007
FLAP3C	TS_SIN	0.000	-0.001	0.000	-0.001	-0.001	1.243	0.001	-0.018	0.003	0.061	0.021	0.008	0.011	-0.008	0.004	0.009	0.018
FLAP4C	TS_COS	-0.026	-0.001	0.004	-0.001	-0.001	0.814	0.002	0.061	0.019	0.015	-0.009	0.005	0.009	0.096	-0.026	0.008	0.011
FLAP4C	TS_SIN	0.000	0.000	0.001	-0.003	-0.003	1.250	0.001	0.000	-0.006	0.080	0.020	0.000	0.016	0.048	0.002	0.012	0.017
FLAP5C	TS_COS	0.055	0.001	0.005	0.001	0.001	0.815	0.003	0.042	0.009	0.008	-0.004	-0.001	0.004	0.116	-0.018	0.000	0.005
FLAP5C	TS SIN	0.000	-0.001	-0.001	-0.003	-0.003	1.248	-0.001	-0.014	-0.014	0.064	0.021	0.003	0.003	0.006	-0.001	0.020	0.014

RUN	POINT	Harmonics																
		54	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.023	0.000	-0.001	-0.001	0.003	1.329	-0.001	0.044	0.003	0.014	-0.008	0.000	0.011	0.015	-0.010	0.002	-0.007
FLAP1C	TS_SIN	0.000	0.000	0.001	0.001	0.001	0.664	-0.002	-0.046	0.001	0.022	0.015	0.003	-0.008	-0.106	0.003	0.022	0.011
FLAP2C	TS_COS	0.033	0.001	-0.003	-0.003	0.001	1.329	-0.002	0.057	-0.011	0.021	-0.015	-0.005	0.025	0.028	-0.014	-0.007	0.002
FLAP2C	TS_SIN	0.000	0.001	0.002	0.002	0.002	0.667	0.000	-0.032	-0.004	0.042	0.018	0.007	-0.003	-0.100	0.016	0.014	0.016
FLAP3C	TS_COS	-0.061	0.002	-0.001	-0.001	-0.001	1.323	0.000	0.039	-0.002	0.031	-0.007	-0.002	0.019	-0.010	-0.009	-0.007	0.002
FLAP3C	TS_SIN	0.000	0.000	0.000	0.000	0.002	0.665	0.002	-0.041	0.002	0.029	0.030	0.019	0.002	-0.088	0.003	0.023	0.020
FLAP4C	TS_COS	-0.021	0.000	-0.002	-0.002	-0.002	1.330	0.003	0.058	0.003	0.037	-0.021	0.000	0.024	0.043	-0.018	-0.018	0.003
FLAP4C	TS_SIN	0.000	0.000	0.001	0.001	-0.001	0.666	0.001	-0.037	-0.002	0.042	0.034	0.002	-0.008	-0.094	0.012	0.019	0.011
FLAP5C	TS_COS	0.060	0.002	-0.002	-0.002	0.001	1.330	0.003	0.040	0.002	0.024	-0.018	0.006	0.010	0.012	-0.011	-0.005	-0.004
FLAP5C	TS_SIN	0.000	0.000	0.001	0.001	-0.002	0.666	-0.002	-0.033	-0.015	0.027	0.026	0.013	-0.012	-0.114	0.008	0.021	0.004
RUN	POINT	Harmonics																
58	55	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
FLAP1C	TS_COS	0.022	-0.002	-0.008	0.001	1.483	-0.002	0.028	-0.006	0.002	-0.017	-0.011	0.001	-0.088	0.010	-0.004	-0.005	
FLAP1C	TS_SIN	0.000	0.001	0.000	-0.001	-0.085	-0.002	-0.055	0.003	-0.001	0.011	-0.011	-0.011	-0.019	0.008	0.016	0.010	
FLAP2C	TS_COS	0.033	-0.001	-0.007	0.001	1.484	-0.002	0.037	-0.018	0.023	-0.012	-0.011	0.002	-0.096	0.018	-0.002	-0.006	
FLAP2C	TS_SIN	0.000	0.000	0.001	0.001	-0.085	0.000	-0.054	-0.003	-0.006	0.022	0.001	-0.021	-0.037	0.012	0.032	0.017	
FLAP3C	TS_COS	-0.062	0.000	-0.005	-0.002	1.478	0.001	0.023	-0.010	0.017	0.002	-0.004	-0.003	-0.084	0.008	-0.003	0.008	
FLAP3C	TS_SIN	0.000	0.000	0.000	0.003	-0.081	0.002	-0.049	0.001	-0.020	0.023	0.011	-0.009	0.010	0.004	0.022	0.011	
FLAP4C	TS_COS	-0.020	-0.002	-0.007	-0.003	1.486	0.004	0.047	-0.009	0.017	-0.004	-0.008	-0.002	-0.083	0.015	-0.011	-0.003	
FLAP4C	TS_SIN	0.000	-0.002	0.000	0.000	-0.087	-0.001	-0.060	0.000	-0.019	0.032	-0.001	-0.018	-0.041	0.018	0.030	0.011	
FLAP5C	TS_COS	0.059	0.000	-0.007	-0.003	1.485	0.002	0.027	-0.011	0.005	-0.011	0.006	-0.005	-0.102	0.014	-0.004	-0.004	
FLAP5C	TS SIN	0.000	0.001	0.001	-0.003	-0.084	-0.003	-0.044	-0.008	-0.015	0.024	-0.007	-0.009	-0.010	0.018	0.014	0.005	

RUN	POINT	Harmonics																
		56	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.019	0.001	-0.001	-0.001	0.001	1.240	-0.003	0.017	0.003	-0.016	-0.017	-0.011	-0.007	0.002	-0.006	-0.013	-0.009
FLAP1C	TS_SIN	0.000	0.002	0.000	0.000	-0.001	-0.814	0.000	-0.050	0.014	-0.002	0.004	-0.010	0.006	0.093	-0.004	0.013	0.008
FLAP2C	TS_COS	0.030	0.001	-0.001	-0.001	0.003	1.242	-0.001	0.024	-0.007	-0.003	-0.002	-0.012	-0.009	-0.021	0.012	0.003	-0.003
FLAP2C	TS_SIN	0.000	0.002	0.000	0.000	0.000	-0.815	0.001	-0.054	0.014	-0.025	0.011	-0.006	-0.001	0.092	-0.013	0.014	0.013
FLAP3C	TS_COS	-0.063	-0.001	-0.001	-0.001	0.000	1.240	0.002	0.010	-0.005	-0.013	0.008	-0.006	-0.010	0.017	0.004	-0.005	-0.007
FLAP3C	TS_SIN	0.000	0.000	-0.001	-0.001	0.002	-0.810	0.001	-0.041	0.007	-0.027	0.005	-0.002	0.001	0.089	-0.007	0.011	0.008
FLAP4C	TS_COS	-0.025	0.000	-0.002	-0.002	-0.001	1.242	0.001	0.036	0.002	-0.027	0.005	-0.012	-0.009	-0.020	0.011	-0.009	-0.006
FLAP4C	TS_SIN	0.000	0.002	0.000	0.000	0.001	-0.818	-0.002	-0.058	0.016	-0.027	0.005	-0.005	0.006	0.093	0.000	0.014	0.004
FLAP5C	TS_COS	0.057	0.000	-0.002	-0.002	-0.001	1.243	-0.001	0.013	-0.005	-0.025	0.004	0.000	-0.002	0.005	0.012	-0.008	-0.007
FLAP5C	TS_SIN	0.000	0.000	0.000	0.000	-0.001	-0.814	-0.003	-0.037	0.015	-0.015	0.006	-0.016	0.014	0.107	-0.006	0.006	0.004
RUN	POINT	Harmonics																
58	57	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
FLAP1C	TS_COS	0.019	-0.001	-0.002	0.001	-0.656	0.003	0.055	0.009	-0.022	-0.025	0.015	0.007	-0.083	0.012	-0.011	-0.006	
FLAP1C	TS_SIN	0.000	0.000	0.000	0.001	1.332	0.000	0.026	-0.018	-0.016	0.012	0.013	-0.005	0.001	0.018	0.006	0.005	
FLAP2C	TS_COS	0.030	-0.002	-0.001	-0.001	-0.659	0.000	0.057	0.036	-0.030	-0.026	-0.010	-0.018	-0.096	0.019	-0.003	-0.002	
FLAP2C	TS_SIN	0.000	0.001	0.000	-0.001	1.333	-0.002	0.031	-0.010	-0.020	0.007	0.033	-0.012	-0.023	0.008	0.016	0.008	
FLAP3C	TS_COS	-0.063	0.000	-0.001	0.000	-0.657	-0.002	0.054	0.004	-0.046	-0.020	0.008	-0.002	-0.085	0.004	0.002	0.001	
FLAP3C	TS_SIN	0.000	0.002	0.000	-0.003	1.328	0.000	0.025	-0.012	-0.023	-0.006	0.021	-0.004	0.017	0.005	0.006	0.009	
FLAP4C	TS_COS	-0.023	-0.001	-0.002	0.001	-0.658	0.000	0.061	0.030	-0.052	-0.022	0.003	-0.006	-0.097	0.010	-0.011	0.000	
FLAP4C	TS_SIN	0.000	0.000	0.000	-0.004	1.334	0.003	0.042	-0.006	-0.010	-0.015	0.028	-0.010	-0.023	0.010	0.010	0.008	
FLAP5C	TS_COS	0.055	0.000	-0.001	0.003	-0.661	0.002	0.043	0.033	-0.035	-0.026	0.009	0.001	-0.108	0.009	-0.010	-0.004	
FLAP5C	TS_SIN	0.000	0.003	0.000	-0.001	1.332	0.003	0.026	-0.025	-0.009	0.008	0.018	-0.003	0.014	0.013	0.003	0.001	

RUN	POINT	Harmonics																	
		58	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.020	0.001	0.003	-0.001	-1.244	0.003	0.029	0.018	-0.002	-0.028	0.012	0.018	0.014	-0.003	-0.012	-0.008		
FLAP1C	TS_SIN	0.000	-0.001	0.001	0.001	0.810	0.000	0.037	-0.031	-0.035	-0.015	0.014	0.013	-0.094	0.012	0.006	0.018		
FLAP2C	TS_COS	0.030	-0.001	0.002	-0.002	-1.245	0.001	0.036	0.037	0.001	-0.019	-0.023	0.014	0.038	0.003	-0.010	-0.019		
FLAP2C	TS_SIN	0.000	0.000	0.001	-0.001	0.811	-0.002	0.046	-0.007	-0.038	-0.022	0.012	-0.013	-0.106	0.006	0.009	0.018		
FLAP3C	TS_COS	-0.062	0.000	0.002	0.000	-1.242	-0.001	0.029	0.005	-0.017	-0.012	-0.008	0.009	-0.004	0.003	-0.010	-0.011		
FLAP3C	TS_SIN	0.000	0.000	0.001	-0.003	0.805	-0.001	0.039	-0.022	-0.050	-0.019	0.021	0.002	-0.086	-0.002	0.019	0.016		
FLAP4C	TS_COS	-0.025	0.001	0.002	0.001	-1.246	-0.001	0.042	0.017	-0.025	-0.003	-0.015	0.015	0.035	-0.001	-0.013	-0.008		
FLAP4C	TS_SIN	0.000	0.001	0.002	-0.002	0.813	0.002	0.046	-0.012	-0.052	-0.027	0.020	-0.004	-0.102	0.003	0.003	0.016		
FLAP5C	TS_COS	0.057	-0.001	0.003	0.002	-1.246	0.001	0.025	0.034	-0.007	-0.024	-0.004	0.016	-0.002	-0.003	-0.016	-0.005		
FLAP5C	TS_SIN	0.000	0.001	0.000	0.001	0.811	0.002	0.039	-0.025	-0.036	-0.014	0.020	0.005	-0.114	0.004	0.002	0.014		
RUN	POINT	Harmonics																	
58	59	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.018	0.000	-0.001	0.000	0.002	0.001	0.005	0.003	0.002	0.001	0.002	0.001	0.001	-0.001	-0.001	0.000		
FLAP1C	TS_SIN	0.000	-0.003	-0.001	0.000	0.000	0.000	-0.003	0.000	0.000	0.001	0.000	0.001	0.002	0.004	0.004	0.002		
FLAP2C	TS_COS	0.021	0.005	0.001	-0.002	-0.001	0.000	0.000	-0.001	-0.002	-0.001	-0.001	-0.001	0.000	0.001	0.000	-0.001		
FLAP2C	TS_SIN	0.000	0.000	0.002	0.000	-0.001	0.001	0.001	0.001	-0.001	-0.002	-0.001	-0.001	-0.001	0.002	0.002	0.003		
FLAP3C	TS_COS	-0.066	0.001	0.002	-0.001	-0.001	0.000	0.000	0.001	-0.002	-0.001	-0.001	0.001	0.001	0.000	-0.001	0.000		
FLAP3C	TS_SIN	0.000	0.000	-0.002	-0.001	0.001	0.000	-0.002	-0.002	-0.001	0.000	0.001	0.001	0.002	0.003	0.006	0.004		
FLAP4C	TS_COS	-0.027	0.002	0.001	-0.001	0.001	-0.001	0.000	-0.001	-0.003	-0.002	0.000	0.000	-0.001	-0.001	-0.001	0.001		
FLAP4C	TS_SIN	0.000	-0.002	0.001	-0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.002	0.004	0.003		
FLAP5C	TS_COS	0.057	0.000	0.001	0.000	0.001	0.000	0.003	0.001	-0.001	-0.001	0.001	0.000	0.000	-0.002	-0.002	0.000		
FLAP5C	TS_SIN	0.000	-0.002	-0.001	-0.002	0.001	0.000	-0.001	0.001	0.002	0.002	0.001	0.000	0.000	0.001	0.002	0.001		

RUN	POINT	Harmonics																	
		58	68	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	FLAP1C_TS_COS	-0.018	0.000	-0.001	0.000	0.671	-0.002	-0.005	0.012	-0.026	-0.002	-0.006	-0.001	0.090	-0.010	-0.010	-0.007	-0.007	
	FLAP1C_TS_SIN	0.000	0.000	0.000	-0.003	-1.325	0.002	-0.029	0.013	-0.001	-0.003	0.006	0.023	0.004	0.005	0.009	0.009	0.000	
	FLAP2C_TS_COS	0.031	0.001	-0.001	0.002	0.674	0.000	-0.013	0.004	-0.033	0.009	-0.009	-0.001	0.096	-0.007	-0.005	-0.005	0.006	
	FLAP2C_TS_SIN	0.000	0.000	0.000	-0.002	-1.325	0.003	-0.045	0.007	-0.019	-0.009	0.000	0.017	0.029	-0.009	-0.002	-0.015	-0.015	
	FLAP3C_TS_COS	-0.062	-0.001	-0.001	0.002	0.671	0.002	-0.014	0.004	-0.037	0.009	0.003	-0.009	0.077	-0.001	-0.002	0.005	0.005	
	FLAP3C_TS_SIN	0.000	-0.001	0.000	0.001	-1.321	0.001	-0.023	0.002	-0.014	-0.020	0.003	0.018	-0.014	-0.005	0.004	0.003	0.003	
	FLAP4C_TS_COS	-0.022	-0.001	0.001	-0.001	0.673	-0.001	-0.002	0.019	-0.049	0.002	0.000	0.003	0.094	-0.005	-0.008	-0.001	-0.001	
	FLAP4C_TS_SIN	0.000	0.000	0.000	0.001	-1.328	-0.002	-0.034	0.012	0.004	-0.022	0.007	0.021	0.033	-0.011	0.003	-0.001	-0.001	
	FLAP5C_TS_COS	0.058	0.002	-0.001	-0.001	0.673	-0.003	-0.012	0.006	-0.023	0.013	-0.007	-0.002	0.106	-0.002	-0.008	-0.006	-0.006	
	FLAP5C_TS_SIN	0.000	0.000	0.001	-0.002	-1.326	0.000	-0.019	0.006	0.004	-0.009	0.010	0.014	-0.004	-0.011	0.007	-0.010	-0.010	
RUN	POINT	Harmonics																	
58	69	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
	FLAP1C_TS_COS	-0.015	-0.002	-0.005	0.000	1.242	-0.002	0.016	0.006	-0.015	-0.009	-0.011	-0.006	0.001	-0.005	-0.012	-0.009	-0.009	
	FLAP1C_TS_SIN	0.000	0.000	0.000	-0.001	-0.820	0.000	-0.053	0.011	-0.005	0.006	-0.005	0.005	0.093	-0.003	0.015	0.009	0.009	
	FLAP2C_TS_COS	0.035	-0.001	-0.005	0.002	1.245	0.000	0.023	-0.006	0.000	0.004	-0.007	-0.009	-0.022	0.010	0.006	-0.003	-0.003	
	FLAP2C_TS_SIN	0.000	0.000	0.000	0.000	-0.820	0.002	-0.055	0.009	-0.028	0.012	-0.001	0.001	0.094	-0.015	0.015	0.017	0.017	
	FLAP3C_TS_COS	-0.061	-0.001	-0.004	0.000	1.239	0.003	0.007	-0.007	-0.012	0.014	-0.002	-0.008	0.017	0.000	-0.004	-0.006	-0.006	
	FLAP3C_TS_SIN	0.000	0.001	0.000	0.003	-0.815	0.001	-0.041	0.003	-0.025	0.005	0.003	0.003	0.086	-0.007	0.013	0.008	0.008	
	FLAP4C_TS_COS	-0.019	0.000	-0.007	-0.003	1.244	0.003	0.035	0.002	-0.027	0.009	-0.007	-0.008	-0.022	0.007	-0.007	-0.007	-0.007	
	FLAP4C_TS_SIN	0.000	0.002	0.000	0.002	-0.823	0.000	-0.059	0.012	-0.027	0.005	-0.002	0.008	0.093	-0.001	0.014	0.008	0.008	
	FLAP5C_TS_COS	0.062	0.001	-0.006	-0.002	1.243	-0.001	0.012	-0.006	-0.023	0.009	0.001	0.000	0.005	0.009	-0.007	-0.008	-0.008	
	FLAP5C_TS_SIN	0.000	0.001	-0.001	-0.002	-0.821	-0.001	-0.040	0.009	-0.009	0.006	-0.013	0.013	0.106	-0.006	0.007	0.006	0.006	

RUN	POINT	Harmonics																	
		58	70	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	-0.025	0.002	-0.001	-0.073	-0.001	-0.002	0.010	0.016	-0.008	-0.020	0.001	0.005	0.007	-0.006	-0.022	-0.025		
FLAP1C	TS_SIN	0.000	-0.002	-0.001	-1.477	0.000	-0.003	0.015	0.015	0.006	-0.071	0.020	-0.002	0.005	-0.002	0.012	0.020		
FLAP2C	TS_COS	0.024	0.002	0.002	-0.073	0.000	-0.002	-0.006	0.017	0.013	-0.006	-0.008	0.000	0.009	-0.001	-0.003	-0.018		
FLAP2C	TS_SIN	0.000	-0.001	-0.001	-1.479	0.000	-0.008	-0.012	-0.012	0.003	-0.076	0.026	-0.003	-0.001	-0.006	0.009	0.010		
FLAP3C	TS_COS	-0.067	0.002	0.002	-0.071	0.000	-0.001	0.000	0.005	0.006	-0.018	0.003	0.003	0.008	0.000	-0.010	-0.017		
FLAP3C	TS_SIN	0.000	0.000	0.001	-1.475	-0.002	0.000	0.008	-0.006	-0.003	-0.062	0.016	0.004	0.006	-0.006	0.006	0.023		
FLAP4C	TS_COS	-0.030	0.002	0.000	-0.075	-0.001	-0.002	0.025	0.016	0.010	-0.001	-0.002	0.012	0.013	-0.012	-0.016	-0.012		
FLAP4C	TS_SIN	0.000	-0.002	0.002	-1.481	-0.002	0.000	0.012	-0.012	0.017	-0.085	0.019	-0.002	0.012	-0.001	0.005	0.000		
FLAP5C	TS_COS	0.050	0.001	-0.002	-0.071	-0.002	-0.002	0.005	0.004	-0.006	-0.030	-0.001	0.006	0.012	-0.001	-0.023	-0.018		
FLAP5C	TS_SIN	0.000	-0.002	0.000	-1.480	-0.001	0.000	0.006	-0.002	0.000	-0.081	0.024	-0.004	0.001	-0.006	0.005	0.011		
RUN	POINT	Harmonics																	
58	71	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	-0.020	0.000	-0.002	-0.070	0.000	0.000	0.013	0.018	-0.008	-0.020	0.000	0.005	0.004	-0.004	-0.021	-0.021		
FLAP1C	TS_SIN	0.000	0.000	0.001	-1.482	0.000	0.002	0.001	0.016	0.003	-0.074	0.015	0.000	0.006	0.000	0.013	0.019		
FLAP2C	TS_COS	0.029	0.000	-0.001	-0.069	0.003	0.000	-0.002	0.022	0.013	-0.007	-0.011	0.000	0.005	-0.001	-0.003	-0.014		
FLAP2C	TS_SIN	0.000	-0.001	0.001	-1.484	-0.001	0.000	-0.006	-0.009	0.003	-0.081	0.018	-0.005	0.000	-0.004	0.008	0.008		
FLAP3C	TS_COS	-0.065	0.000	0.001	-0.067	0.001	0.000	0.004	0.006	0.004	-0.019	0.002	0.003	0.007	0.002	-0.009	-0.016		
FLAP3C	TS_SIN	0.000	0.000	0.002	-1.478	-0.003	0.001	0.009	-0.004	-0.004	-0.065	0.015	0.004	0.006	-0.004	0.005	0.022		
FLAP4C	TS_COS	-0.026	0.000	-0.001	-0.072	0.000	0.002	0.030	0.019	0.011	0.001	-0.006	0.012	0.011	-0.012	-0.014	-0.010		
FLAP4C	TS_SIN	0.000	0.004	0.004	-1.485	-0.005	0.001	0.013	-0.009	0.016	-0.089	0.015	-0.003	0.012	0.001	0.004	-0.001		
FLAP5C	TS_COS	0.055	-0.001	-0.002	-0.071	-0.001	0.001	0.010	0.007	-0.007	-0.030	-0.003	0.008	0.010	0.000	-0.022	-0.015		
FLAP5C	TS_SIN	0.000	-0.001	0.004	-1.484	-0.003	0.001	0.007	-0.002	-0.001	-0.086	0.021	-0.006	0.000	-0.004	0.003	0.009		

RUN	POINT	Harmonics																	
		58	72	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	-0.018	-0.001	-0.001	-0.068	-0.001	-0.001	-0.001	0.014	0.019	-0.006	-0.020	0.000	0.004	0.004	0.004	-0.006	-0.022	-0.023
FLAP1C	TS_SIN	0.000	-0.002	-0.001	-1.482	0.001	-1.482	0.001	-0.004	0.016	0.009	-0.069	0.015	-0.002	0.002	0.002	-0.001	0.015	0.022
FLAP2C	TS_COS	0.030	0.001	0.002	-0.067	0.001	-0.067	0.001	-0.003	0.018	0.014	-0.004	-0.010	0.001	0.006	0.006	-0.002	-0.002	-0.014
FLAP2C	TS_SIN	0.000	0.000	0.000	-1.482	0.001	-1.482	0.001	-0.011	-0.013	0.005	-0.079	0.021	-0.007	-0.005	-0.007	-0.007	0.009	0.010
FLAP3C	TS_COS	-0.064	0.000	0.002	-0.065	0.002	-0.065	0.002	0.000	0.006	0.005	-0.017	0.005	0.001	0.006	0.006	-0.001	-0.008	-0.016
FLAP3C	TS_SIN	0.000	0.000	0.001	-1.478	-0.001	-1.478	-0.001	0.002	0.006	-0.005	-0.002	-0.065	0.014	0.003	0.002	-0.006	0.005	0.024
FLAP4C	TS_COS	-0.023	0.001	0.000	-0.070	0.000	-0.070	0.000	0.030	0.017	0.014	0.002	-0.004	0.011	0.011	0.011	-0.013	-0.015	-0.010
FLAP4C	TS_SIN	0.000	0.001	0.003	-1.485	-0.002	-1.485	-0.002	0.009	-0.012	0.018	-0.086	0.017	-0.005	0.008	0.008	-0.001	0.007	0.001
FLAP5C	TS_COS	0.057	0.001	-0.002	-0.068	-0.001	-0.068	-0.001	0.000	0.010	-0.004	-0.028	-0.002	0.006	0.011	0.011	-0.001	-0.023	-0.016
FLAP5C	TS_SIN	0.000	0.001	0.001	-1.484	-0.001	-1.484	-0.001	0.001	0.003	0.001	-0.083	0.024	-0.008	-0.005	-0.005	-0.005	0.005	0.010
RUN	POINT	Harmonics																	
58	73	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	15
FLAP1C	TS_COS	-0.021	0.000	0.002	-0.066	0.000	-0.001	0.013	0.013	-0.011	-0.017	0.007	0.007	0.007	0.004	-0.009	-0.023	-0.022	-0.022
FLAP1C	TS_SIN	0.000	-0.002	0.000	-1.480	-0.001	-0.001	-0.002	0.015	0.005	-0.072	0.015	0.015	-0.001	0.004	-0.003	0.012	0.020	0.020
FLAP2C	TS_COS	0.028	0.001	0.003	-0.065	0.002	-0.001	-0.005	0.018	0.008	-0.001	-0.007	-0.007	0.001	0.007	-0.003	-0.006	-0.014	-0.014
FLAP2C	TS_SIN	0.000	-0.001	0.001	-1.483	-0.001	0.000	-0.012	-0.012	0.002	-0.082	0.022	0.022	-0.008	-0.005	-0.009	0.006	0.006	0.006
FLAP3C	TS_COS	-0.065	0.001	0.004	-0.063	0.001	-0.001	0.002	0.004	0.005	-0.016	0.005	0.005	0.001	0.005	-0.004	-0.009	-0.017	-0.017
FLAP3C	TS_SIN	0.000	-0.001	0.002	-1.477	-0.003	0.001	0.007	-0.007	-0.004	-0.066	0.012	0.012	0.002	0.003	-0.008	0.005	0.022	0.022
FLAP4C	TS_COS	-0.027	0.001	0.002	-0.067	-0.001	0.000	0.029	0.015	0.008	0.004	-0.001	-0.001	0.011	0.009	-0.016	-0.015	-0.010	-0.010
FLAP4C	TS_SIN	0.000	0.004	0.003	-1.482	-0.004	0.002	0.012	-0.013	0.015	-0.091	0.016	0.016	-0.003	0.009	-0.005	0.001	-0.002	-0.002
FLAP5C	TS_COS	0.055	0.000	0.001	-0.065	-0.001	-0.001	0.009	0.001	-0.007	-0.027	0.003	0.003	0.006	0.008	-0.004	-0.023	-0.016	-0.016
FLAP5C	TS_SIN	0.000	-0.002	0.002	-1.482	-0.002	0.002	0.006	-0.005	-0.003	-0.087	0.022	0.022	-0.007	-0.005	-0.009	0.002	0.008	0.008

RUN	POINT	Harmonics	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
58	74	0															
	FLAP1C_TS_COS	-0.018	0.000	-0.007	-0.062	-0.002	0.001	0.016	0.021	-0.011	-0.017	0.005	0.005	0.004	-0.006	-0.023	-0.019
	FLAP1C_TS_SIN	0.000	0.001	-0.002	-1.483	0.000	0.001	0.000	0.017	0.007	-0.075	0.014	-0.002	0.005	0.001	0.015	0.018
	FLAP2C_TS_COS	0.030	0.001	-0.003	-0.059	0.001	0.003	-0.002	0.021	0.011	0.000	-0.009	0.001	0.006	-0.002	-0.004	-0.011
	FLAP2C_TS_SIN	0.000	0.000	-0.003	-1.484	-0.001	0.001	-0.007	-0.012	0.002	-0.083	0.019	-0.007	-0.004	-0.006	0.007	0.005
	FLAP3C_TS_COS	-0.065	0.001	-0.001	-0.060	0.000	0.001	0.005	0.007	0.005	-0.015	0.004	0.001	0.006	-0.001	-0.007	-0.014
	FLAP3C_TS_SIN	0.000	0.001	0.000	-1.478	-0.002	0.000	0.008	-0.005	-0.004	-0.068	0.014	0.002	0.002	-0.007	0.005	0.021
	FLAP4C_TS_COS	-0.023	0.001	-0.004	-0.061	-0.001	0.002	0.031	0.016	0.009	0.006	-0.002	0.012	0.008	-0.015	-0.015	-0.007
	FLAP4C_TS_SIN	0.000	-0.002	0.001	-1.485	-0.003	0.000	0.016	-0.012	0.014	-0.093	0.015	-0.004	0.010	-0.002	0.004	-0.002
	FLAP5C_TS_COS	0.056	0.001	-0.007	-0.061	-0.004	0.001	0.012	0.008	-0.008	-0.025	0.001	0.007	0.009	-0.001	-0.023	-0.012
	FLAP5C_TS_SIN	0.000	0.002	-0.001	-1.485	-0.002	0.000	0.007	-0.002	-0.002	-0.087	0.020	-0.008	-0.003	-0.006	0.004	0.008
RUN	POINT	Harmonics	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
58	75	0															
	FLAP1C_TS_COS	-0.024	0.000	-0.007	-0.056	-0.002	-0.001	0.019	0.023	-0.012	-0.019	0.002	0.007	0.007	-0.003	-0.023	-0.022
	FLAP1C_TS_SIN	0.000	0.002	-0.004	-1.483	0.004	-0.002	-0.001	0.019	0.006	-0.074	0.013	-0.003	0.003	-0.002	0.013	0.018
	FLAP2C_TS_COS	0.025	0.001	-0.003	-0.053	-0.002	0.001	0.001	0.026	0.011	-0.004	-0.013	0.003	0.008	0.000	-0.003	-0.013
	FLAP2C_TS_SIN	0.000	0.002	-0.004	-1.484	0.004	-0.003	-0.008	-0.012	0.003	-0.082	0.017	-0.009	-0.005	-0.009	0.006	0.005
	FLAP3C_TS_COS	-0.068	0.000	-0.003	-0.056	0.000	0.000	0.008	0.011	0.004	-0.019	0.000	0.003	0.007	0.001	-0.009	-0.018
	FLAP3C_TS_SIN	0.000	0.002	-0.001	-1.478	0.001	-0.002	0.006	-0.005	-0.003	-0.067	0.012	0.001	0.000	-0.008	0.004	0.020
	FLAP4C_TS_COS	-0.027	0.001	-0.005	-0.054	0.000	-0.001	0.033	0.024	0.011	0.003	-0.007	0.013	0.011	-0.012	-0.016	-0.012
	FLAP4C_TS_SIN	0.000	-0.005	-0.002	-1.487	0.003	-0.003	0.011	-0.013	0.016	-0.089	0.014	-0.006	0.007	-0.002	0.003	-0.003
	FLAP5C_TS_COS	0.049	0.000	-0.006	-0.056	-0.004	0.000	0.013	0.012	-0.007	-0.028	-0.003	0.008	0.011	0.001	-0.024	-0.016
	FLAP5C_TS_SIN	0.000	0.002	-0.003	-1.484	0.002	-0.004	0.005	-0.004	-0.003	-0.086	0.020	-0.010	-0.005	-0.008	0.002	0.007

RUN	POINT	Harmonics																
		58	76	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
FLAP1C	TS_COS	-0.021	0.000	0.000	0.000	-0.061	0.001	-0.001	0.011	0.018	-0.008	-0.016	0.002	0.004	0.004	-0.007	-0.024	-0.025
FLAP1C	TS_SIN	0.000	-0.001	-0.003	-1.481	0.002	0.002	0.000	-0.004	0.013	0.012	-0.074	0.018	-0.005	0.002	-0.001	0.018	0.019
FLAP2C	TS_COS	0.028	0.000	0.002	-0.060	0.003	0.003	-0.001	-0.004	0.020	0.013	0.000	-0.009	0.002	0.006	-0.002	-0.005	-0.015
FLAP2C	TS_SIN	0.000	-0.001	-0.002	-1.482	0.002	0.002	0.000	-0.010	-0.016	0.009	-0.081	0.025	-0.008	-0.002	-0.005	0.012	0.008
FLAP3C	TS_COS	-0.064	0.000	0.002	-0.059	0.003	0.003	-0.001	0.003	0.007	0.006	-0.015	0.004	0.002	0.006	-0.001	-0.009	-0.017
FLAP3C	TS_SIN	0.000	-0.001	-0.001	-1.477	0.000	0.000	0.000	0.006	-0.008	0.002	-0.066	0.015	0.000	0.003	-0.005	0.008	0.023
FLAP4C	TS_COS	-0.025	0.000	0.001	-0.063	0.001	0.001	-0.001	0.029	0.017	0.011	0.005	-0.005	0.014	0.013	-0.012	-0.015	-0.011
FLAP4C	TS_SIN	0.000	0.000	0.000	-1.484	-0.001	-0.001	0.000	0.011	-0.013	0.022	-0.088	0.017	-0.005	0.011	0.000	0.009	-0.001
FLAP5C	TS_COS	0.055	0.001	-0.001	-0.061	0.000	0.000	-0.001	0.010	0.008	-0.006	-0.025	-0.001	0.006	0.010	-0.001	-0.024	-0.015
FLAP5C	TS_SIN	0.000	0.000	-0.001	-1.484	0.000	0.000	0.000	0.005	-0.003	0.004	-0.084	0.024	-0.010	-0.001	-0.004	0.007	0.008
RUN	POINT	Harmonics																
58	77	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15
FLAP1C	TS_COS	-0.019	-0.001	0.004	-0.067	0.000	0.000	0.011	0.015	-0.008	-0.019	0.001	0.004	0.004	0.004	-0.007	-0.024	-0.021
FLAP1C	TS_SIN	0.000	-0.002	-0.001	-1.481	0.002	0.001	0.002	0.014	0.007	-0.077	0.017	-0.001	0.006	-0.001	0.013	0.016	0.016
FLAP2C	TS_COS	0.030	0.000	0.005	-0.067	0.003	-0.001	-0.005	0.015	0.012	-0.005	-0.010	0.001	0.006	-0.003	-0.003	-0.015	-0.015
FLAP2C	TS_SIN	0.000	-0.001	0.000	-1.483	0.002	0.000	-0.004	-0.009	0.003	-0.084	0.021	-0.004	0.002	-0.005	0.009	0.006	0.006
FLAP3C	TS_COS	-0.063	-0.001	0.004	-0.065	0.002	-0.001	0.001	0.003	0.004	-0.019	0.002	0.002	0.008	0.001	-0.008	-0.018	-0.018
FLAP3C	TS_SIN	0.000	-0.001	0.000	-1.477	0.000	0.000	0.011	-0.003	-0.002	-0.067	0.015	0.003	0.006	-0.006	0.006	0.020	0.020
FLAP4C	TS_COS	-0.024	0.000	0.004	-0.068	0.001	0.000	0.028	0.012	0.011	0.003	-0.003	0.012	0.011	-0.014	-0.012	-0.008	-0.008
FLAP4C	TS_SIN	0.000	0.002	0.002	-1.484	-0.002	0.000	0.018	-0.008	0.016	-0.094	0.016	-0.002	0.014	-0.002	0.005	-0.002	-0.002
FLAP5C	TS_COS	0.057	0.000	0.003	-0.067	0.000	0.000	0.007	0.002	-0.005	-0.029	-0.001	0.006	0.010	-0.001	-0.021	-0.015	-0.015
FLAP5C	TS_SIN	0.000	-0.001	0.001	-1.483	-0.001	0.000	0.010	0.000	0.000	-0.088	0.024	-0.005	0.001	-0.006	0.003	0.007	0.007

RUN	POINT	Harmonics																	
		58	78	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	-0.021	-0.001	-0.003	-0.067	-0.001	0.001	0.013	0.017	-0.012	-0.017	0.004	0.007	0.006	-0.007	-0.024	-0.021		
FLAP1C	TS_SIN	0.000	0.000	-0.003	-1.483	0.003	-0.001	0.000	0.016	0.005	-0.076	0.014	-0.003	0.005	-0.001	0.014	0.018		
FLAP2C	TS_COS	0.028	-0.001	0.001	-0.065	0.001	0.001	-0.006	0.020	0.010	-0.002	-0.010	0.003	0.008	-0.002	-0.004	-0.015		
FLAP2C	TS_SIN	0.000	0.000	-0.004	-1.484	0.002	0.000	-0.008	-0.013	0.002	-0.084	0.021	-0.008	-0.003	-0.007	0.008	0.006		
FLAP3C	TS_COS	-0.065	-0.001	0.001	-0.066	0.002	0.000	0.002	0.004	0.003	-0.017	0.003	0.002	0.007	-0.001	-0.009	-0.018		
FLAP3C	TS_SIN	0.000	0.000	-0.001	-1.479	0.000	-0.001	0.010	-0.005	-0.003	-0.068	0.014	0.002	0.004	-0.006	0.005	0.021		
FLAP4C	TS_COS	-0.025	0.000	0.000	-0.067	0.000	0.001	0.028	0.017	0.008	0.004	-0.005	0.013	0.009	-0.016	-0.016	-0.010		
FLAP4C	TS_SIN	0.000	-0.001	0.000	-1.486	-0.001	0.000	0.014	-0.011	0.016	-0.093	0.017	-0.004	0.011	-0.002	0.003	-0.003		
FLAP5C	TS_COS	0.055	0.001	-0.002	-0.067	-0.002	0.001	0.009	0.006	-0.008	-0.029	-0.001	0.008	0.009	-0.002	-0.025	-0.016		
FLAP5C	TS_SIN	0.000	0.002	-0.001	-1.485	0.000	-0.001	0.008	-0.003	-0.001	-0.086	0.023	-0.007	-0.001	-0.007	0.003	0.009		
RUN	POINT	Harmonics																	
58	79	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	-0.020	0.001	0.000	-0.066	-0.001	-0.001	0.012	0.015	-0.010	-0.018	0.006	0.004	0.003	-0.007	-0.022	-0.019		
FLAP1C	TS_SIN	0.000	0.001	0.001	-1.481	0.001	0.001	0.000	0.020	0.003	-0.078	0.011	0.001	0.005	0.002	0.011	0.017		
FLAP2C	TS_COS	0.031	0.000	0.001	-0.066	0.001	0.000	-0.007	0.021	0.011	-0.002	-0.008	0.000	0.005	-0.002	0.000	-0.011		
FLAP2C	TS_SIN	0.000	0.000	0.000	-1.483	0.001	0.000	-0.009	-0.007	0.000	-0.085	0.017	-0.006	-0.001	-0.005	0.007	0.005		
FLAP3C	TS_COS	-0.063	0.000	0.001	-0.063	0.001	0.000	0.001	0.007	0.006	-0.017	0.003	0.000	0.006	-0.001	-0.007	-0.017		
FLAP3C	TS_SIN	0.000	0.000	0.001	-1.478	-0.002	0.000	0.008	-0.002	-0.004	-0.068	0.012	0.003	0.003	-0.006	0.004	0.020		
FLAP4C	TS_COS	-0.024	0.000	0.000	-0.068	0.001	0.000	0.028	0.018	0.011	0.005	-0.003	0.009	0.008	-0.016	-0.012	-0.007		
FLAP4C	TS_SIN	0.000	0.002	0.002	-1.485	-0.003	0.001	0.013	-0.007	0.014	-0.094	0.016	-0.002	0.012	-0.001	0.003	-0.002		
FLAP5C	TS_COS	0.055	0.000	-0.001	-0.065	0.000	-0.001	0.007	0.006	-0.006	-0.028	0.001	0.005	0.008	-0.002	-0.021	-0.013		
FLAP5C	TS_SIN	0.000	0.000	0.001	-1.484	-0.001	0.001	0.007	0.000	-0.002	-0.088	0.019	-0.005	-0.001	-0.005	0.002	0.008		

RUN	POINT	Harmonics																	
		58	80	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	-0.024	0.001	0.003	-0.061	0.001	0.000	0.011	0.020	-0.009	-0.015	0.003	0.006	0.002	-0.005	-0.023	-0.021		
FLAP1C	TS_SIN	0.000	-0.002	-0.001	-1.482	0.005	-0.002	0.004	0.013	0.004	-0.077	0.016	0.002	0.008	-0.001	0.010	0.016		
FLAP2C	TS_COS	0.027	0.001	0.003	-0.061	0.003	0.000	-0.007	0.025	0.009	0.001	-0.010	0.003	0.004	0.000	-0.003	-0.013		
FLAP2C	TS_SIN	0.000	-0.001	0.000	-1.484	0.005	-0.002	-0.006	-0.012	0.001	-0.086	0.019	-0.005	0.003	-0.005	0.006	0.003		
FLAP3C	TS_COS	-0.065	-0.001	0.003	-0.059	0.005	0.000	0.001	0.009	0.004	-0.016	0.001	0.002	0.006	0.001	-0.007	-0.018		
FLAP3C	TS_SIN	0.000	-0.002	0.000	-1.478	0.002	0.000	0.011	-0.007	-0.004	-0.068	0.012	0.004	0.005	-0.007	0.004	0.018		
FLAP4C	TS_COS	-0.028	-0.001	0.004	-0.062	0.001	0.000	0.025	0.019	0.009	0.009	-0.004	0.011	0.007	-0.012	-0.011	-0.007		
FLAP4C	TS_SIN	0.000	-0.003	0.002	-1.485	0.003	-0.002	0.019	-0.011	0.012	-0.096	0.019	0.000	0.014	-0.002	0.002	-0.002		
FLAP5C	TS_COS	0.052	0.000	0.003	-0.062	0.000	0.000	0.007	0.008	-0.005	-0.025	-0.002	0.006	0.008	0.001	-0.021	-0.014		
FLAP5C	TS_SIN	0.000	-0.002	0.002	-1.483	0.001	-0.003	0.011	-0.004	-0.003	-0.089	0.025	-0.004	0.001	-0.008	0.000	0.006		
RUN	POINT	Harmonics																	
58	81	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	-0.016	-0.001	0.000	-0.068	0.002	0.002	0.009	0.015	-0.009	-0.014	0.005	0.005	0.001	-0.008	-0.023	-0.019		
FLAP1C	TS_SIN	0.000	-0.002	-0.002	-1.484	0.001	0.001	0.001	0.014	0.006	-0.078	0.018	0.000	0.006	-0.001	0.013	0.018		
FLAP2C	TS_COS	0.033	0.000	0.002	-0.067	0.003	0.002	-0.008	0.019	0.010	0.001	-0.007	0.002	0.004	-0.003	-0.004	-0.012		
FLAP2C	TS_SIN	0.000	-0.001	-0.001	-1.485	0.000	0.000	-0.005	-0.011	0.003	-0.085	0.021	-0.005	0.000	-0.005	0.008	0.006		
FLAP3C	TS_COS	-0.061	0.000	0.002	-0.066	0.003	0.002	-0.001	0.004	0.005	-0.015	0.004	0.001	0.005	-0.001	-0.007	-0.016		
FLAP3C	TS_SIN	0.000	-0.001	0.000	-1.479	-0.001	0.000	0.011	-0.005	-0.003	-0.068	0.015	0.002	0.005	-0.007	0.005	0.020		
FLAP4C	TS_COS	-0.020	0.001	0.001	-0.069	0.001	0.003	0.027	0.014	0.010	0.010	-0.003	0.012	0.008	-0.015	-0.013	-0.006		
FLAP4C	TS_SIN	0.000	0.002	0.002	-1.485	-0.002	0.001	0.018	-0.011	0.015	-0.096	0.020	-0.001	0.013	-0.002	0.004	-0.002		
FLAP5C	TS_COS	0.060	0.001	0.000	-0.069	0.000	0.002	0.006	0.004	-0.006	-0.024	0.000	0.007	0.007	-0.002	-0.020	-0.012		
FLAP5C	TS_SIN	0.000	0.000	0.002	-1.485	-0.001	0.001	0.010	-0.003	-0.002	-0.088	0.024	-0.005	-0.001	-0.007	0.003	0.008		

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
58	82																
	FLAP1C_TS_COS	-0.021	0.000	-0.005	-0.071	0.000	0.018	0.022	-0.007	-0.020	0.000	0.005	0.004	-0.006	-0.022	-0.024	
	FLAP1C_TS_SIN	0.000	0.000	-0.002	-1.482	0.002	-0.010	0.014	0.011	-0.067	0.018	-0.005	-0.004	-0.005	0.015	0.024	
	FLAP2C_TS_COS	0.029	0.000	-0.002	-0.070	0.003	0.001	0.024	0.015	-0.005	-0.011	0.001	0.007	0.000	-0.004	-0.014	
	FLAP2C_TS_SIN	0.000	0.000	-0.002	-1.483	0.002	-0.016	-0.019	0.008	-0.076	0.024	-0.008	-0.012	-0.011	0.008	0.010	
	FLAP3C_TS_COS	-0.065	0.000	-0.001	-0.069	0.002	0.000	0.009	0.007	0.005	-0.019	0.003	0.004	-0.002	-0.007	-0.016	
	FLAP3C_TS_SIN	0.000	0.000	0.001	-1.478	-0.001	0.002	-0.006	-0.002	-0.064	0.014	0.004	-0.004	-0.008	0.004	0.027	
	FLAP4C_TS_COS	-0.024	0.002	-0.003	-0.072	0.001	0.001	0.033	0.022	0.015	0.001	-0.006	0.012	0.011	-0.014	-0.016	
	FLAP4C_TS_SIN	0.000	-0.002	0.001	-1.484	-0.001	0.000	0.003	-0.016	0.019	-0.082	0.016	-0.005	0.001	-0.003	0.005	0.001
	FLAP5C_TS_COS	0.053	0.001	-0.005	-0.071	-0.002	0.000	0.014	0.012	-0.004	-0.029	-0.003	0.006	0.010	0.000	-0.024	-0.016
	FLAP5C_TS_SIN	0.000	0.001	0.000	-1.484	0.000	-0.002	-0.006	0.001	-0.078	0.024	-0.011	-0.011	-0.008	0.005	0.012	
58	83																
	POINT	Harmonics															
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
	FLAP1C_TS_COS	-0.021	0.000	-0.002	-0.064	-0.001	0.010	0.022	-0.010	-0.014	0.002	0.005	0.003	-0.008	-0.025	-0.020	
	FLAP1C_TS_SIN	0.000	0.000	-0.002	-1.482	0.002	0.002	0.017	0.006	-0.078	0.015	-0.002	0.008	0.001	0.014	0.016	
	FLAP2C_TS_COS	0.029	0.000	0.001	-0.063	0.001	0.000	0.023	0.012	0.001	-0.009	0.001	0.004	-0.001	-0.003	-0.012	
	FLAP2C_TS_SIN	0.000	0.000	-0.003	-1.481	0.003	0.000	-0.006	0.003	-0.086	0.020	-0.007	0.000	-0.004	0.009	0.005	
	FLAP3C_TS_COS	-0.065	0.000	0.001	-0.062	0.002	0.001	0.007	0.005	-0.014	0.002	0.002	0.006	0.000	-0.007	-0.016	
	FLAP3C_TS_SIN	0.000	0.000	0.000	-1.477	0.000	0.011	-0.005	-0.004	-0.070	0.015	0.002	0.005	-0.006	0.005	0.020	
	FLAP4C_TS_COS	-0.026	0.000	0.000	-0.065	0.001	0.000	0.027	0.017	0.006	-0.003	0.012	0.008	-0.014	-0.013	-0.006	
	FLAP4C_TS_SIN	0.000	-0.002	0.001	-1.484	-0.001	0.001	0.019	0.016	-0.096	0.014	-0.003	0.014	-0.001	0.004	-0.002	
	FLAP5C_TS_COS	0.055	0.001	-0.003	-0.064	-0.002	0.000	0.006	0.007	-0.025	-0.002	0.007	0.008	-0.002	-0.023	-0.013	
	FLAP5C TS SIN	0.000	0.001	0.000	-1.484	0.000	0.010	-0.001	-0.002	-0.088	0.021	-0.007	0.001	-0.005	0.003	0.008	0.008

RUN	POINT	Harmonics																	
		58	84	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	-0.021	-0.001	-0.001	-0.073	0.001	-0.001	0.008	0.020	-0.010	-0.015	0.004	0.001	-0.001	-0.001	-0.006	-0.020	-0.015	
FLAP1C	TS_SIN	0.000	0.001	-0.002	-1.483	-0.001	0.003	0.006	0.019	0.002	-0.082	0.013	0.002	0.011	0.004	0.011	0.013	0.013	
FLAP2C	TS_COS	0.028	0.000	0.002	-0.072	0.004	0.001	-0.010	0.023	0.012	0.002	-0.011	-0.002	0.000	-0.002	0.000	-0.007	-0.007	
FLAP2C	TS_SIN	0.000	0.001	-0.001	-1.485	-0.001	0.002	-0.001	-0.007	0.000	-0.091	0.016	-0.005	0.005	-0.001	0.007	0.001	0.001	
FLAP3C	TS_COS	-0.065	-0.001	0.002	-0.071	0.001	-0.001	-0.001	0.008	0.005	-0.017	0.002	-0.001	0.004	0.000	-0.005	-0.015	-0.015	
FLAP3C	TS_SIN	0.000	0.001	0.000	-1.479	-0.004	0.002	0.013	-0.003	-0.005	-0.071	0.012	0.005	0.009	-0.004	0.004	0.017	0.017	
FLAP4C	TS_COS	-0.025	0.000	0.000	-0.074	0.000	0.000	0.026	0.016	0.008	0.008	-0.003	0.009	0.003	-0.014	-0.010	-0.003	-0.003	
FLAP4C	TS_SIN	0.000	0.002	0.002	-1.485	-0.005	0.002	0.022	-0.006	0.010	-0.101	0.014	0.001	0.017	0.001	0.003	-0.003	-0.003	
FLAP5C	TS_COS	0.055	0.000	-0.002	-0.073	0.000	0.000	0.004	0.008	-0.007	-0.027	0.000	0.005	0.004	-0.001	-0.019	-0.010	-0.010	
FLAP5C	TS_SIN	0.000	0.001	0.000	-1.485	-0.004	0.002	0.012	0.000	-0.004	-0.092	0.019	-0.003	0.004	-0.004	0.002	0.006	0.006	
RUN	POINT	Harmonics																	
58	85	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	
FLAP1C	TS_COS	-0.020	-0.001	0.001	-0.061	0.001	0.000	0.012	0.019	-0.007	-0.015	0.001	0.004	0.004	-0.007	-0.023	-0.025	-0.025	
FLAP1C	TS_SIN	0.000	-0.001	-0.001	-1.483	0.001	0.002	-0.006	0.014	0.011	-0.073	0.020	-0.003	0.001	-0.003	0.016	0.020	0.020	
FLAP2C	TS_COS	0.030	0.000	0.003	-0.059	0.004	0.000	-0.005	0.021	0.014	0.001	-0.010	0.002	0.006	-0.001	-0.004	-0.015	-0.015	
FLAP2C	TS_SIN	0.000	0.000	-0.001	-1.484	0.001	0.001	-0.011	-0.016	0.008	-0.081	0.026	-0.008	-0.006	-0.007	0.011	0.009	0.009	
FLAP3C	TS_COS	-0.064	-0.001	0.003	-0.058	0.003	0.000	0.004	0.007	0.007	-0.014	0.004	0.003	0.006	-0.002	-0.009	-0.018	-0.018	
FLAP3C	TS_SIN	0.000	0.000	0.000	-1.479	-0.002	0.001	0.005	-0.007	0.001	-0.067	0.017	0.002	0.002	-0.005	0.007	0.023	0.023	
FLAP4C	TS_COS	-0.025	0.000	0.002	-0.063	0.001	0.000	0.028	0.020	0.012	0.004	-0.006	0.014	0.012	-0.012	-0.016	-0.013	-0.013	
FLAP4C	TS_SIN	0.000	0.002	0.002	-1.485	-0.003	0.001	0.008	-0.013	0.022	-0.086	0.015	-0.006	0.008	-0.001	0.008	0.001	0.001	
FLAP5C	TS_COS	0.055	0.000	0.001	-0.061	0.000	0.000	0.009	0.009	-0.004	-0.025	-0.003	0.007	0.011	-0.001	-0.024	-0.017	-0.017	
FLAP5C	TS_SIN	0.000	-0.001	0.001	-1.485	-0.002	0.000	0.002	-0.004	0.003	-0.083	0.023	-0.010	-0.004	-0.005	0.006	0.010	0.010	

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
61	12	FLAP1C_TS_COS	0.019	0.000	0.000	0.000	0.000	0.005	0.014	0.007	-0.002	0.001	0.002	0.003	0.002	-0.002	-0.004	
		FLAP1C_TS_SIN	0.000	0.001	0.000	0.000	0.000	-0.009	0.002	0.008	0.005	-0.001	0.002	0.000	0.001	0.001	0.000	
		FLAP2C_TS_COS	0.030	0.000	0.000	0.000	0.000	0.001	0.008	0.004	-0.001	-0.003	0.000	0.004	0.004	0.000	-0.001	
		FLAP2C_TS_SIN	0.000	0.000	0.000	0.000	-0.001	-0.004	0.002	0.006	0.006	0.002	-0.001	-0.001	0.000	-0.001	-0.001	
		FLAP3C_TS_COS	-0.064	0.000	0.000	0.000	0.000	0.002	0.012	0.003	-0.002	-0.002	0.001	0.002	0.000	-0.001	-0.001	
		FLAP3C_TS_SIN	0.000	0.000	-0.001	0.000	0.000	-0.006	0.001	0.007	0.004	0.001	0.001	0.001	-0.001	-0.004	-0.002	
		FLAP4C_TS_COS	-0.023	0.000	0.001	0.000	0.000	0.001	0.007	0.001	-0.002	0.001	0.002	0.004	0.002	-0.001	-0.003	
		FLAP4C_TS_SIN	0.000	0.000	0.000	0.000	0.000	-0.004	0.001	0.006	0.003	0.002	0.001	0.001	0.000	-0.001	-0.001	
61	13	FLAP5C_TS_COS	0.056	0.000	0.000	0.000	0.000	0.005	0.006	0.001	-0.002	-0.001	0.001	0.002	0.001	-0.001	-0.002	
		FLAP5C_TS_SIN	0.000	0.000	-0.001	0.000	0.000	-0.003	0.005	0.005	0.004	0.001	0.002	0.002	0.002	0.000	-0.002	
		Harmonics																
		FLAP1C_TS_COS	0.022	-0.001	0.000	-0.082	-0.001	0.002	0.010	0.043	0.013	-0.020	-0.016	0.003	0.009	0.019	0.003	-0.014
		FLAP1C_TS_SIN	0.000	-0.001	0.000	-1.489	-0.002	0.000	-0.027	0.010	0.005	-0.055	-0.005	0.007	0.013	0.010	0.001	0.000
		FLAP2C_TS_COS	0.034	0.000	0.003	-0.082	0.001	0.002	-0.012	0.040	0.036	0.009	-0.018	-0.007	0.001	0.014	0.006	0.000
		FLAP2C_TS_SIN	0.000	0.000	0.001	-1.491	-0.001	0.000	-0.018	-0.015	0.002	-0.075	0.013	0.008	0.001	0.009	-0.004	-0.021
		FLAP3C_TS_COS	-0.063	0.000	0.002	-0.079	0.000	0.001	-0.007	0.035	0.025	-0.015	-0.011	0.002	0.002	0.008	0.007	0.002
61	14	FLAP3C_TS_SIN	0.000	0.000	0.001	-1.486	-0.003	0.000	-0.004	-0.013	-0.003	-0.052	-0.002	0.011	0.010	0.003	-0.013	-0.004
		FLAP4C_TS_COS	-0.019	0.000	0.001	-0.084	0.000	0.003	0.018	0.047	0.041	0.007	-0.024	-0.006	0.013	0.015	0.002	-0.009
		FLAP4C_TS_SIN	0.000	0.001	0.002	-1.493	-0.004	0.001	-0.006	-0.019	0.011	-0.072	0.010	0.000	0.004	0.017	0.002	-0.025
		FLAP5C_TS_COS	0.058	0.000	-0.001	-0.081	0.000	0.002	0.008	0.025	0.020	-0.028	-0.014	0.005	0.006	0.021	0.005	-0.008
		FLAP5C TS SIN	0.000	0.001	0.001	-1.493	-0.002	0.000	-0.015	0.006	-0.004	-0.076	0.006	0.001	0.001	0.005	0.003	-0.008

RUN	POINT	Harmonics																	
		61	14	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.012	0.000	0.003	-0.065	-0.001	0.000	0.012	0.048	0.016	-0.016	-0.015	0.000	0.007	0.020	0.003	-0.012		
FLAP1C	TS_SIN	0.000	0.001	0.000	-1.491	0.005	0.000	-0.025	0.007	0.010	-0.053	0.001	0.009	0.014	0.007	0.003	0.001		
FLAP2C	TS_COS	0.026	-0.001	0.003	-0.064	0.004	-0.001	-0.012	0.043	0.040	0.014	-0.017	-0.009	-0.001	0.014	0.006	0.003		
FLAP2C	TS_SIN	0.000	0.001	-0.002	-1.492	0.005	0.000	-0.016	-0.023	0.006	-0.076	0.020	0.005	0.001	0.005	-0.003	-0.021		
FLAP3C	TS_COS	-0.068	-0.001	0.003	-0.064	0.001	-0.001	-0.006	0.040	0.028	-0.014	-0.010	0.003	0.003	0.009	0.008	0.002		
FLAP3C	TS_SIN	0.000	0.000	0.001	-1.486	0.001	-0.001	-0.005	-0.018	0.002	-0.053	-0.002	0.007	0.009	0.000	-0.010	-0.004		
FLAP4C	TS_COS	-0.031	-0.002	0.003	-0.065	0.000	0.000	0.015	0.049	0.043	0.010	-0.024	-0.007	0.011	0.015	0.001	-0.007		
FLAP4C	TS_SIN	0.000	0.001	0.001	-1.494	0.001	0.001	-0.005	-0.027	0.014	-0.073	0.012	-0.003	0.003	0.013	0.004	-0.024		
FLAP5C	TS_COS	0.051	-0.002	0.002	-0.065	-0.001	-0.001	0.009	0.028	0.023	-0.024	-0.016	0.005	0.009	0.022	0.003	-0.007		
FLAP5C	TS_SIN	0.000	0.000	0.001	-1.493	0.003	-0.002	-0.014	0.001	0.000	-0.075	0.007	-0.003	0.001	0.002	0.005	-0.008		
RUN	POINT	Harmonics																	
61	15	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.013	-0.001	-0.003	-0.068	-0.003	0.000	0.013	0.042	0.015	-0.018	-0.017	0.004	0.009	0.017	0.002	-0.015		
FLAP1C	TS_SIN	0.000	-0.001	-0.002	-1.490	0.000	-0.001	-0.026	0.013	0.005	-0.057	-0.004	0.008	0.016	0.014	0.004	-0.002		
FLAP2C	TS_COS	0.024	-0.001	0.002	-0.066	-0.001	0.001	-0.013	0.041	0.036	0.012	-0.021	-0.008	0.002	0.012	0.006	0.001		
FLAP2C	TS_SIN	0.000	-0.001	-0.002	-1.492	0.000	-0.001	-0.022	-0.015	0.002	-0.076	0.012	0.006	0.000	0.010	-0.003	-0.021		
FLAP3C	TS_COS	-0.069	0.000	0.001	-0.066	-0.002	0.000	-0.006	0.035	0.024	-0.016	-0.013	0.003	0.002	0.007	0.006	0.000		
FLAP3C	TS_SIN	0.000	0.001	0.001	-1.485	-0.002	0.000	-0.005	-0.010	-0.003	-0.052	-0.007	0.011	0.009	0.004	-0.012	-0.002		
FLAP4C	TS_COS	-0.027	0.000	0.000	-0.067	0.000	0.002	0.018	0.050	0.041	0.009	-0.026	-0.006	0.012	0.013	0.001	-0.006		
FLAP4C	TS_SIN	0.000	-0.002	0.000	-1.494	-0.002	0.000	-0.006	-0.017	0.011	-0.076	0.005	-0.003	0.005	0.019	0.002	-0.028		
FLAP5C	TS_COS	0.050	0.000	-0.003	-0.067	-0.003	0.001	0.009	0.025	0.021	-0.026	-0.016	0.005	0.007	0.020	0.004	-0.008		
FLAP5C	TS_SIN	0.000	0.001	-0.001	-1.493	-0.002	-0.001	-0.013	0.008	-0.004	-0.077	0.003	0.003	0.003	0.007	0.004	-0.008		

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.014	0.001	-0.169	-0.247	0.131	-0.383	0.031	0.016	-0.007	-0.004	0.015	-0.012	-0.002	0.003	-0.009			
FLAP1C	TS_SIN	0.000	-0.003	-0.222	0.343	0.385	0.011	-0.002	0.007	-0.001	-0.004	-0.013	-0.002	-0.004	-0.017	0.006			
FLAP2C	TS_COS	0.024	0.001	-0.170	-0.248	0.129	-0.383	-0.001	0.033	0.007	-0.003	0.012	-0.015	0.006	0.014	-0.006			
FLAP2C	TS_SIN	0.000	-0.002	-0.224	0.343	0.385	0.010	0.015	-0.002	0.012	-0.019	0.012	-0.031	-0.011	-0.019	0.012			
FLAP3C	TS_COS	-0.068	0.001	-0.167	-0.246	0.129	-0.380	0.014	0.022	0.010	-0.016	-0.004	-0.021	-0.004	0.001	0.010			
FLAP3C	TS_SIN	0.000	-0.001	-0.223	0.341	0.383	0.011	0.009	-0.006	0.008	-0.015	0.001	-0.013	-0.008	-0.035	0.007			
FLAP4C	TS_COS	-0.026	0.001	-0.169	-0.245	0.133	-0.382	0.003	0.044	-0.008	-0.003	0.000	-0.016	0.001	0.012	-0.005			
FLAP4C	TS_SIN	0.000	-0.005	-0.226	0.343	0.386	0.013	-0.003	0.013	0.016	-0.026	-0.008	-0.023	-0.017	-0.014	0.009			
FLAP5C	TS_COS	0.052	-0.001	-0.169	-0.246	0.132	-0.383	0.012	0.036	0.017	-0.012	-0.004	-0.025	-0.004	-0.002	-0.008			
FLAP5C	TS_SIN	0.000	-0.002	-0.224	0.343	0.386	0.012	0.010	-0.004	0.011	-0.007	-0.004	-0.004	-0.007	-0.020	0.003			
RUN	POINT	Harmonics																	
61	17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.014	-0.002	-0.242	-0.395	0.218	-0.430	0.044	0.033	0.016	-0.019	-0.010	0.013	-0.012	-0.002	0.005	-0.016		
FLAP1C	TS_SIN	0.000	0.002	-0.279	0.484	0.481	-0.014	0.020	-0.002	0.009	-0.004	0.009	-0.005	-0.002	0.000	-0.024	0.003		
FLAP2C	TS_COS	0.027	-0.001	-0.243	-0.397	0.217	-0.431	0.015	0.040	0.013	-0.016	-0.012	0.011	-0.023	0.007	0.018	-0.008		
FLAP2C	TS_SIN	0.000	0.001	-0.280	0.485	0.481	-0.013	0.040	-0.015	0.013	-0.026	0.024	-0.013	-0.030	-0.006	-0.028	0.012		
FLAP3C	TS_COS	-0.067	0.000	-0.241	-0.396	0.217	-0.429	0.027	0.023	0.012	-0.031	-0.008	0.008	-0.023	0.001	0.002	0.008		
FLAP3C	TS_SIN	0.000	0.001	-0.280	0.483	0.479	-0.012	0.020	-0.015	0.006	-0.018	0.015	-0.006	-0.004	-0.003	-0.041	0.006		
FLAP4C	TS_COS	-0.026	-0.001	-0.241	-0.397	0.220	-0.431	0.015	0.051	-0.006	-0.021	-0.010	0.020	-0.025	-0.002	0.018	-0.008		
FLAP4C	TS_SIN	0.000	0.000	-0.281	0.484	0.483	-0.012	0.026	0.001	0.015	-0.037	-0.001	-0.013	-0.023	-0.010	-0.023	0.008		
FLAP5C	TS_COS	0.052	-0.001	-0.242	-0.396	0.219	-0.429	0.030	0.040	0.018	-0.033	-0.014	0.012	-0.031	-0.004	0.002	-0.012		
FLAP5C	TS_SIN	0.000	0.004	-0.281	0.485	0.482	-0.012	0.033	-0.011	0.007	-0.011	0.010	-0.010	0.001	-0.003	-0.028	0.005		

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
61	18	0.014	0.001	-0.395	-0.663	0.460	-0.487	0.057	0.021	0.006	-0.033	-0.025	0.021	-0.013	-0.006	0.015	-0.017
		FLAP1C_TS_COS															
		0.000	0.002	-0.395	0.755	0.673	-0.157	0.039	-0.016	0.010	-0.008	0.019	0.001	-0.010	0.010	-0.029	0.013
		FLAP1C_TS_SIN															
		0.025	0.000	-0.396	-0.666	0.458	-0.488	0.027	0.033	0.000	-0.040	-0.026	0.014	-0.014	0.008	0.034	-0.016
		FLAP2C_TS_COS															
		0.000	0.003	-0.398	0.755	0.673	-0.158	0.060	-0.042	0.012	-0.026	0.043	0.005	-0.030	-0.002	-0.035	0.009
		FLAP2C_TS_SIN															
		-0.067	0.001	-0.393	-0.665	0.457	-0.484	0.027	0.012	-0.004	-0.041	-0.014	0.017	-0.027	0.001	0.005	0.007
		FLAP3C_TS_COS															
		0.000	0.002	-0.397	0.750	0.671	-0.155	0.032	-0.020	0.009	-0.011	0.024	0.001	-0.013	0.000	-0.047	0.013
		FLAP3C_TS_SIN															
		-0.024	0.000	-0.395	-0.666	0.462	-0.487	0.026	0.052	-0.017	-0.050	-0.021	0.021	-0.022	0.000	0.038	-0.015
		FLAP4C_TS_COS															
		0.000	-0.001	-0.399	0.754	0.676	-0.156	0.048	-0.023	0.009	-0.038	0.023	0.006	-0.019	-0.004	-0.032	0.001
		FLAP4C_TS_SIN															
		0.052	0.000	-0.395	-0.665	0.459	-0.486	0.038	0.029	0.006	-0.068	-0.015	0.025	-0.035	-0.002	0.021	-0.021
		FLAP5C_TS_COS															
		0.000	0.004	-0.399	0.755	0.677	-0.158	0.048	-0.026	-0.008	-0.012	0.039	-0.002	-0.006	0.010	-0.040	0.004
		FLAP5C_TS_SIN															
RUN	POINT	Harmonics															
61	19	0.017	-0.001	-0.449	-0.770	0.592	-0.490	0.047	0.008	0.005	-0.029	-0.025	0.029	-0.012	-0.015	0.018	-0.017
		FLAP1C_TS_COS															
		0.000	0.004	-0.453	0.843	0.749	-0.250	0.046	-0.017	0.017	-0.009	0.019	0.001	-0.017	0.015	-0.024	0.021
		FLAP1C_TS_SIN															
		0.029	-0.002	-0.452	-0.771	0.594	-0.491	0.018	0.023	-0.010	-0.042	-0.028	0.022	-0.008	-0.001	0.034	-0.022
		FLAP2C_TS_COS															
		0.000	0.003	-0.455	0.843	0.747	-0.248	0.072	-0.044	0.018	-0.020	0.043	0.004	-0.041	-0.002	-0.034	0.012
		FLAP2C_TS_SIN															
		-0.065	0.000	-0.448	-0.771	0.590	-0.489	0.017	0.009	-0.006	-0.037	-0.016	0.022	-0.027	-0.007	0.008	0.007
		FLAP3C_TS_COS															
		0.000	0.002	-0.454	0.839	0.747	-0.247	0.043	-0.020	0.013	-0.007	0.024	0.000	-0.019	0.005	-0.042	0.020
		FLAP3C_TS_SIN															
		-0.025	-0.003	-0.450	-0.773	0.594	-0.492	0.018	0.044	-0.022	-0.052	-0.021	0.029	-0.017	-0.008	0.041	-0.017
		FLAP4C_TS_COS															
		0.000	0.004	-0.455	0.842	0.751	-0.248	0.060	-0.024	0.014	-0.035	0.025	0.007	-0.026	-0.002	-0.030	0.002
		FLAP4C_TS_SIN															
		0.054	-0.001	-0.449	-0.772	0.593	-0.490	0.030	0.021	0.000	-0.075	-0.016	0.040	-0.037	-0.010	0.025	-0.022
		FLAP5C_TS_COS															
		0.000	0.006	-0.455	0.843	0.750	-0.249	0.057	-0.026	-0.007	-0.009	0.049	-0.006	-0.018	0.018	-0.038	0.006
		FLAP5C TS SIN															

RUN	POINT	Harmonics																		
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
FLAP1C	TS_COS	0.017	0.001	0.000	0.000	0.000	0.000	0.004	0.013	0.005	-0.002	0.001	0.003	0.003	0.003	-0.001	-0.003			
FLAP1C	TS_SIN	0.000	0.000	0.001	0.000	0.001	-0.008	0.002	0.002	0.007	0.003	-0.003	0.002	0.000	0.001	0.001	-0.001			
FLAP2C	TS_COS	0.029	0.001	0.001	0.000	0.001	0.001	0.008	0.008	0.003	-0.002	-0.004	-0.001	0.003	0.004	0.000	-0.001			
FLAP2C	TS_SIN	0.000	-0.001	0.000	-0.001	0.000	-0.003	0.002	0.002	0.007	0.006	0.002	-0.001	-0.001	0.000	-0.001	-0.001			
FLAP3C	TS_COS	-0.064	-0.001	0.000	0.000	0.000	0.002	0.011	0.004	0.004	-0.001	-0.001	0.002	0.003	0.001	-0.001	0.000			
FLAP3C	TS_SIN	0.000	0.000	0.000	0.000	-0.001	-0.006	0.000	0.000	0.007	0.003	0.002	0.001	0.001	0.000	-0.004	-0.003			
FLAP4C	TS_COS	-0.025	0.000	0.000	0.000	0.000	0.001	0.006	0.006	0.000	-0.003	0.000	0.002	0.004	0.002	-0.001	-0.001			
FLAP4C	TS_SIN	0.000	0.000	0.001	0.000	0.000	-0.003	0.002	0.002	0.006	0.002	0.001	0.001	0.002	0.001	-0.001	-0.002			
FLAP5C	TS_COS	0.055	0.000	0.000	0.001	0.000	0.006	0.007	0.007	0.002	-0.001	-0.001	0.000	0.001	0.001	0.000	-0.001			
FLAP5C	TS_SIN	0.000	-0.001	0.001	0.000	0.000	-0.003	0.004	0.004	0.005	0.003	0.001	0.002	0.003	0.002	0.000	-0.002			
RUN	POINT	Harmonics																		
61	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
FLAP1C	TS_COS	0.014	-0.001	-0.001	0.000	-0.001	-0.001	-0.002	0.016	0.006	0.002	-0.002	0.000	0.003	0.006	0.006	0.003			
FLAP1C	TS_SIN	0.000	0.001	0.001	0.001	0.000	0.001	-0.013	-0.004	0.005	0.005	-0.004	-0.002	-0.002	0.000	0.005	0.003			
FLAP2C	TS_COS	0.025	0.000	-0.001	0.000	-0.001	0.000	-0.001	0.012	0.005	0.003	-0.001	0.002	0.002	0.004	0.003	0.002			
FLAP2C	TS_SIN	0.000	0.000	0.000	0.000	0.000	-0.022	-0.013	-0.013	0.000	0.002	0.001	-0.002	-0.003	-0.001	0.004	0.003			
FLAP3C	TS_COS	-0.066	0.000	-0.001	0.000	-0.001	-0.003	-0.003	0.018	0.011	0.000	-0.004	-0.001	0.002	0.004	0.002	0.002			
FLAP3C	TS_SIN	0.000	0.000	0.000	0.001	0.000	-0.019	-0.015	-0.015	0.000	0.003	0.001	-0.002	-0.001	0.000	0.002	0.000			
FLAP4C	TS_COS	-0.027	-0.001	0.000	0.000	-0.001	-0.003	0.014	0.014	0.010	0.001	0.003	0.006	0.005	0.005	0.005	0.002			
FLAP4C	TS_SIN	0.000	0.000	0.000	0.000	0.000	-0.026	-0.020	-0.020	0.004	0.003	0.003	0.000	-0.002	0.000	0.004	0.004			
FLAP5C	TS_COS	0.051	0.000	-0.001	0.000	-0.001	0.004	0.009	0.009	0.005	0.000	0.000	0.001	0.003	0.004	0.003	0.001			
FLAP5C	TS_SIN	0.000	0.001	0.000	0.000	0.000	-0.010	-0.003	-0.003	0.003	0.001	-0.002	-0.002	-0.001	0.001	0.003	0.003			

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
61	24																
	FLAP1C_TS_COS	0.019	0.000	-0.002	0.002	0.000	0.001	0.002	0.016	0.005	-0.002	-0.004	0.003	0.003	0.008	0.002	0.000
	FLAP1C_TS_SIN	0.000	0.001	-0.001	0.000	0.002	-0.001	-0.017	-0.005	0.004	0.003	-0.002	-0.003	-0.001	0.001	0.003	0.002
	FLAP2C_TS_COS	0.028	0.000	-0.001	0.001	-0.001	0.001	0.000	0.017	0.010	0.002	-0.005	-0.001	0.004	0.004	-0.001	-0.002
	FLAP2C_TS_SIN	0.000	0.000	0.000	0.000	0.001	-0.001	-0.010	-0.004	0.007	0.010	0.006	0.001	0.001	0.003	0.003	-0.001
	FLAP3C_TS_COS	-0.065	-0.001	-0.002	0.000	0.000	0.001	0.002	0.015	0.006	0.000	-0.005	0.002	0.002	0.002	0.001	0.002
	FLAP3C_TS_SIN	0.000	0.000	0.000	-0.001	0.001	-0.001	-0.008	-0.003	0.006	0.005	0.002	0.000	0.002	-0.001	-0.003	-0.002
	FLAP4C_TS_COS	-0.025	-0.001	-0.001	0.001	0.000	0.001	0.005	0.012	0.010	-0.002	0.001	-0.002	0.004	0.002	0.002	-0.001
	FLAP4C_TS_SIN	0.000	-0.002	0.000	0.000	0.001	-0.001	-0.011	-0.001	0.006	0.009	0.005	0.003	0.001	0.000	0.000	0.000
	FLAP5C_TS_COS	0.054	0.000	-0.001	0.000	0.000	0.000	0.005	0.009	0.004	-0.001	0.001	0.004	0.005	0.004	0.002	0.001
	FLAP5C_TS_SIN	0.000	0.002	0.000	-0.001	0.001	0.000	-0.007	0.001	0.003	0.002	-0.003	0.000	0.001	0.003	0.003	0.001
RUN	POINT	Harmonics															
61	26																
	FLAP1C_TS_COS	0.022	-0.001	-0.003	0.001	0.001	0.000	0.007	0.009	0.004	-0.002	0.000	0.002	0.001	0.001	-0.002	-0.004
	FLAP1C_TS_SIN	0.000	-0.003	0.000	0.000	-0.001	0.000	-0.004	0.005	0.009	0.005	0.000	0.001	-0.001	-0.001	-0.002	-0.002
	FLAP2C_TS_COS	0.031	0.000	-0.001	0.001	0.000	-0.001	-0.002	0.004	0.001	0.000	0.001	0.003	0.003	0.003	0.000	-0.001
	FLAP2C_TS_SIN	0.000	-0.001	0.000	0.000	-0.001	0.000	-0.002	0.003	0.005	0.003	0.002	0.001	0.000	-0.001	-0.003	-0.002
	FLAP3C_TS_COS	-0.064	0.000	-0.001	0.000	0.000	0.000	0.001	0.010	0.004	0.000	-0.001	0.001	0.002	0.001	0.000	-0.001
	FLAP3C_TS_SIN	0.000	0.000	-0.001	0.000	-0.001	0.000	-0.005	0.001	0.007	0.005	0.003	0.001	0.000	-0.002	-0.004	-0.003
	FLAP4C_TS_COS	-0.024	-0.001	-0.001	0.001	0.001	0.001	-0.002	0.007	0.000	-0.001	0.004	0.004	0.004	0.002	-0.001	-0.002
	FLAP4C_TS_SIN	0.000	-0.001	-0.001	0.000	-0.001	0.001	-0.003	0.001	0.007	0.001	0.002	0.002	0.002	0.000	-0.002	-0.002
	FLAP5C_TS_COS	0.056	0.002	-0.001	0.000	0.000	0.000	0.003	0.005	0.000	-0.002	-0.001	0.002	0.003	0.002	-0.001	-0.001
	FLAP5C_TS_SIN	0.000	0.000	-0.001	0.000	-0.001	0.001	-0.001	0.005	0.007	0.003	0.000	0.000	0.001	0.001	-0.001	-0.002

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
61	28	0																	
		FLAP1C_TS_COS	0.010	0.000	-0.001	-0.001	-0.002	-0.001	0.010	0.010	0.003	-0.004	-0.002	0.001	0.001	0.003	-0.001	-0.002	
		FLAP1C_TS_SIN	0.000	0.001	-0.001	0.001	0.000	0.000	-0.003	0.010	0.010	0.006	0.000	0.001	-0.001	-0.001	-0.003	-0.002	
		FLAP2C_TS_COS	0.024	0.000	-0.001	0.000	-0.001	0.003	0.006	0.002	0.002	-0.001	0.000	0.002	0.004	0.003	0.000	-0.003	
		FLAP2C_TS_SIN	0.000	0.000	-0.001	0.000	0.001	-0.003	0.004	0.007	0.004	0.005	0.004	0.002	0.001	-0.001	-0.002	-0.002	
		FLAP3C_TS_COS	-0.069	0.000	-0.001	0.000	0.000	0.004	0.009	0.004	0.004	0.000	-0.001	0.001	0.002	0.003	0.002	-0.001	
		FLAP3C_TS_SIN	0.000	0.001	-0.001	0.000	0.001	-0.004	0.003	0.006	0.006	0.005	0.003	0.002	0.000	-0.002	-0.005	-0.003	
		FLAP4C_TS_COS	-0.031	0.001	-0.001	0.000	0.000	0.003	0.009	-0.001	-0.001	0.003	0.003	0.003	0.003	0.002	-0.001	-0.003	
61	30	0																	
		FLAP4C_TS_SIN	0.000	0.000	0.000	0.000	0.001	0.000	-0.005	0.004	0.008	0.002	0.002	0.004	0.003	0.000	-0.003	-0.004	
		FLAP5C_TS_COS	0.050	0.000	-0.001	0.000	0.000	0.003	0.005	-0.001	-0.003	0.000	0.000	0.002	0.003	0.002	0.000	-0.001	
		FLAP5C_TS_SIN	0.000	0.002	-0.001	0.000	0.001	-0.001	0.006	0.007	0.002	-0.001	0.001	0.002	0.002	0.002	-0.001	-0.002	
61	POINT	Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		FLAP1C_TS_COS	0.017	0.001	-0.001	0.000	0.000	0.000	0.009	0.009	-0.003	-0.003	0.000	0.002	0.002	0.002	0.002	0.000	-0.003
		FLAP1C_TS_SIN	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.013	0.010	0.001	-0.002	-0.001	0.001	0.000	-0.001	-0.002	-0.002
		FLAP2C_TS_COS	0.030	0.001	-0.001	0.000	-0.001	0.000	0.006	0.009	0.003	-0.001	-0.002	0.000	0.003	0.003	0.005	0.002	-0.002
		FLAP2C_TS_SIN	0.000	0.001	-0.001	0.000	0.000	-0.001	-0.002	0.006	0.009	0.006	0.003	0.001	-0.001	-0.001	-0.001	-0.002	-0.002
		FLAP3C_TS_COS	-0.064	-0.001	-0.001	0.000	0.000	0.000	0.006	0.009	0.004	0.000	-0.002	0.000	0.002	0.002	0.005	0.004	0.000
		FLAP3C_TS_SIN	0.000	0.001	0.000	0.000	0.000	0.000	-0.001	0.007	0.008	0.005	0.003	0.002	0.000	0.000	-0.003	-0.004	-0.003
		FLAP4C_TS_COS	-0.023	0.001	-0.002	0.000	0.001	0.000	0.008	0.014	0.000	-0.002	0.001	0.002	0.002	0.002	0.003	0.001	-0.002
61	POINT	Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		FLAP4C_TS_SIN	0.000	0.001	0.000	-0.001	0.000	0.001	-0.004	0.009	0.012	0.002	0.002	0.002	0.003	0.002	0.000	-0.002	-0.003
		FLAP5C_TS_COS	0.053	0.001	-0.001	0.001	0.001	0.000	0.002	0.003	0.000	-0.001	0.001	0.002	0.002	0.002	0.002	0.000	-0.001
61	POINT	Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
		FLAP5C_TS_SIN	0.000	0.004	-0.001	0.000	0.000	0.001	0.001	0.007	0.007	0.003	0.001	0.001	0.001	0.002	0.002	0.000	-0.002

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
61	32	FLAP1C_TS_COS	0.019	0.000	-0.001	0.000	0.000	0.007	0.015	0.005	-0.003	-0.001	0.002	0.002	0.002	0.002	-0.001	-0.003	
		FLAP1C_TS_SIN	0.000	0.000	0.000	0.000	0.000	-0.008	0.004	0.009	0.005	-0.003	0.001	0.000	0.000	0.001	0.001	-0.001	
		FLAP2C_TS_COS	0.033	0.000	0.001	0.001	0.000	0.001	0.009	0.004	-0.002	-0.004	0.000	0.004	0.004	0.004	0.000	-0.001	
		FLAP2C_TS_SIN	0.000	0.000	0.000	-0.001	0.001	-0.003	0.002	0.008	0.006	0.002	-0.001	-0.001	-0.001	0.001	-0.001	-0.002	
		FLAP3C_TS_COS	-0.063	0.000	0.000	0.000	0.000	0.003	0.012	0.003	-0.002	-0.002	0.001	0.002	0.001	0.001	-0.001	0.000	
		FLAP3C_TS_SIN	0.000	0.000	0.000	0.000	0.000	-0.005	0.002	0.008	0.003	0.001	0.001	0.001	0.001	0.000	-0.004	-0.003	
		FLAP4C_TS_COS	-0.023	0.000	0.000	0.000	0.000	0.002	0.008	0.002	-0.003	-0.001	0.001	0.004	0.002	0.002	-0.001	-0.001	
		FLAP4C_TS_SIN	0.000	0.000	0.000	0.000	0.000	-0.003	0.002	0.008	0.003	0.002	0.001	0.002	0.001	0.001	-0.001	-0.002	
61	34	FLAP5C_TS_COS	0.055	0.001	-0.001	0.000	0.000	0.006	0.007	0.002	-0.003	-0.002	0.000	0.001	0.001	0.001	-0.001	-0.002	
		FLAP5C_TS_SIN	0.000	0.000	0.001	0.000	0.000	-0.002	0.005	0.006	0.003	0.001	0.002	0.003	0.002	0.002	0.000	-0.002	
		Harmonics	0	FLAP1C_TS_COS	0.018	0.000	-0.002	0.000	-0.001	0.006	0.015	0.004	-0.002	0.001	0.004	0.003	0.003	-0.002	-0.003
				FLAP1C_TS_SIN	0.000	0.001	0.000	-0.002	0.000	-0.008	0.004	0.008	0.004	-0.004	0.001	0.000	0.002	0.001	0.000
				FLAP2C_TS_COS	0.031	-0.001	-0.002	0.000	-0.001	0.000	0.008	0.004	-0.001	-0.004	0.000	0.004	0.004	0.000	-0.001
				FLAP2C_TS_SIN	0.000	0.003	0.000	0.000	0.000	-0.004	0.002	0.007	0.006	0.002	-0.001	-0.001	0.001	-0.001	-0.002
				FLAP3C_TS_COS	-0.064	-0.001	-0.002	0.000	-0.001	0.000	0.012	0.003	-0.001	-0.002	0.001	0.002	0.001	0.000	0.001
				FLAP3C_TS_SIN	0.000	0.002	0.000	-0.001	0.000	-0.005	0.001	0.007	0.004	0.001	0.000	0.000	0.000	-0.001	-0.002
FLAP4C_TS_COS	-0.025			0.000	-0.001	0.001	-0.001	0.001	0.002	0.008	0.001	-0.003	0.001	0.002	0.004	0.002	-0.001	-0.002	
FLAP4C_TS_SIN	0.000			0.001	0.000	0.000	0.000	-0.003	0.002	0.007	0.002	0.001	0.001	0.002	0.001	0.001	-0.001	-0.002	
61	POINT	TS_COS	0.055	0.000	-0.001	0.000	-0.001	0.000	0.002	-0.002	-0.001	0.001	0.001	0.001	-0.001	-0.001			
			TS_SIN	0.000	0.003	-0.001	0.001	0.000	0.006	0.008	0.002	-0.001	0.000	0.003	0.003	0.002	0.000	-0.002	

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
	FLAP1C_TS_COS	0.017	0.000	0.000	0.000	0.000	0.006	0.015	0.006	-0.001	0.001	0.003	0.003	0.003	0.002	-0.002	-0.004		
	FLAP1C_TS_SIN	0.000	0.001	0.001	0.000	0.001	-0.008	0.003	0.008	0.005	-0.001	0.002	0.000	0.000	0.001	0.001	0.000		
	FLAP2C_TS_COS	0.026	0.001	0.002	0.001	0.000	0.001	0.007	0.002	-0.002	-0.003	0.000	0.003	0.003	0.003	-0.001	-0.002		
	FLAP2C_TS_SIN	0.000	0.000	0.000	0.000	0.001	-0.002	0.004	0.007	0.006	0.002	0.000	-0.001	0.000	0.000	-0.001	-0.002		
	FLAP3C_TS_COS	-0.066	0.001	0.001	0.001	0.000	0.003	0.011	0.002	-0.002	-0.002	0.001	0.002	0.001	0.001	0.000	0.000		
	FLAP3C_TS_SIN	0.000	0.000	-0.001	0.000	0.000	-0.005	0.002	0.007	0.004	0.002	0.001	0.001	0.001	-0.001	-0.004	-0.003		
	FLAP4C_TS_COS	-0.027	0.000	0.001	0.001	0.000	0.001	0.007	0.001	-0.003	0.001	0.002	0.003	0.002	0.002	-0.001	-0.002		
	FLAP4C_TS_SIN	0.000	0.000	0.000	0.000	0.000	-0.003	0.002	0.007	0.002	0.002	0.002	0.002	0.001	-0.001	-0.001	-0.002		
	FLAP5C_TS_COS	0.053	0.000	0.000	0.000	0.000	0.005	0.005	0.001	-0.003	-0.002	0.001	0.001	0.001	0.001	-0.001	-0.001		
	FLAP5C_TS_SIN	0.000	0.001	0.001	0.000	0.000	-0.002	0.005	0.006	0.003	0.000	0.002	0.002	0.002	0.000	0.000	-0.002		
RUN	POINT	Harmonics																	
61	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
	FLAP1C_TS_COS	0.016	0.000	0.000	0.000	0.000	0.006	0.013	0.004	-0.002	0.001	0.003	0.002	0.002	0.002	-0.002	-0.003		
	FLAP1C_TS_SIN	0.000	0.000	0.000	-0.001	0.001	-0.006	0.004	0.008	0.004	-0.003	0.001	-0.001	0.003	0.001	0.000	0.000		
	FLAP2C_TS_COS	0.025	0.001	0.000	0.000	-0.001	0.001	0.005	0.001	-0.001	-0.001	0.001	0.001	0.003	0.002	-0.001	-0.002		
	FLAP2C_TS_SIN	0.000	0.001	0.000	-0.001	0.000	-0.001	0.003	0.006	0.004	0.001	0.000	-0.001	0.000	0.000	-0.001	-0.001		
	FLAP3C_TS_COS	-0.065	0.000	0.000	0.000	-0.001	0.001	0.008	0.002	-0.001	-0.001	0.001	0.002	0.001	0.001	-0.001	-0.001		
	FLAP3C_TS_SIN	0.000	0.000	0.000	0.000	0.000	-0.003	0.000	0.006	0.003	0.001	0.000	0.000	0.000	-0.001	-0.003	-0.002		
	FLAP4C_TS_COS	-0.025	0.001	0.000	0.000	0.000	0.001	0.007	0.001	-0.003	0.000	0.002	0.003	0.003	0.001	-0.002	-0.001		
	FLAP4C_TS_SIN	0.000	0.001	-0.001	-0.001	0.000	-0.002	0.002	0.008	0.003	0.002	0.001	0.001	0.001	0.001	-0.002	-0.002		
	FLAP5C_TS_COS	0.053	-0.001	0.000	0.000	0.000	0.004	0.005	0.000	-0.003	-0.001	0.001	0.001	0.001	0.001	-0.001	-0.001		
	FLAP5C TS SIN	0.000	0.000	-0.001	-0.001	0.000	-0.001	0.004	0.005	0.002	0.000	0.001	0.002	0.001	0.001	-0.001	-0.002		

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.018	0.002	0.005	-0.001	0.000	0.002	0.001	0.007	0.000	-0.002	0.002	0.003	0.001	0.002	-0.001	-0.001
FLAP1C	TS_SIN	0.000	0.001	0.000	-0.003	0.000	0.003	0.001	0.007	0.007	0.001	-0.002	0.003	0.002	0.001	-0.001	-0.002
FLAP2C	TS_COS	0.027	0.001	0.004	-0.002	0.000	0.002	0.001	0.007	0.002	-0.001	-0.003	0.000	0.003	0.003	-0.002	-0.001
FLAP2C	TS_SIN	0.000	0.002	-0.002	-0.001	0.000	0.003	-0.001	0.004	0.005	0.004	0.002	0.001	0.001	0.002	-0.002	-0.003
FLAP3C	TS_COS	-0.064	0.001	0.005	-0.002	-0.001	0.001	0.000	0.009	0.002	-0.002	-0.001	0.000	0.002	0.002	0.000	0.000
FLAP3C	TS_SIN	0.000	0.002	-0.003	-0.001	0.000	0.003	-0.001	0.001	0.005	0.001	0.001	0.002	0.001	0.000	-0.004	-0.003
FLAP4C	TS_COS	-0.023	0.002	0.003	-0.001	-0.001	0.002	0.001	0.008	-0.001	-0.003	0.002	0.002	0.003	0.001	-0.001	0.000
FLAP4C	TS_SIN	0.000	0.000	-0.002	0.000	0.000	0.003	0.000	0.003	0.006	-0.001	0.000	0.003	0.003	0.003	-0.002	-0.003
FLAP5C	TS_COS	0.059	0.002	0.006	-0.001	0.000	0.000	0.001	0.006	0.000	-0.003	0.000	0.001	0.001	0.001	-0.001	0.001
FLAP5C	TS_SIN	0.000	-0.001	-0.002	0.000	0.000	0.004	-0.001	0.005	0.005	0.000	-0.001	0.002	0.002	0.002	-0.001	-0.002
RUN	POINT	Harmonics															
61	49	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FLAP1C	TS_COS	0.009	-0.002	-0.011	-0.001	0.002	0.001	0.000	0.009	0.001	-0.002	0.001	0.002	0.000	0.002	-0.001	-0.001
FLAP1C	TS_SIN	0.000	-0.003	0.006	-0.001	0.002	0.000	0.000	0.006	0.011	0.002	-0.003	0.001	0.001	0.002	0.000	-0.002
FLAP2C	TS_COS	0.025	-0.001	-0.016	0.001	-0.001	0.000	-0.003	0.005	0.001	0.000	-0.001	0.001	0.003	0.003	-0.001	-0.001
FLAP2C	TS_SIN	0.000	-0.004	0.002	0.000	0.001	0.001	0.001	0.003	0.005	0.002	0.002	0.001	0.001	0.002	0.000	-0.002
FLAP3C	TS_COS	-0.064	0.001	-0.014	0.000	-0.001	0.001	-0.001	0.010	0.002	-0.001	-0.002	0.001	0.002	0.001	0.001	0.001
FLAP3C	TS_SIN	0.000	-0.002	0.001	0.001	0.001	0.001	0.000	0.002	0.007	0.002	0.001	0.001	0.002	0.001	-0.004	-0.002
FLAP4C	TS_COS	-0.024	-0.002	-0.016	-0.001	-0.001	0.002	-0.002	0.007	-0.001	-0.002	0.002	0.002	0.003	0.001	-0.001	0.000
FLAP4C	TS_SIN	0.000	-0.003	0.002	0.001	0.000	0.001	0.000	0.002	0.007	-0.001	0.000	0.002	0.003	0.001	-0.001	-0.002
FLAP5C	TS_COS	0.049	-0.002	-0.012	-0.001	0.000	0.001	0.000	0.004	-0.001	-0.001	0.000	0.001	0.000	0.001	0.000	0.000
FLAP5C	TS_SIN	0.000	-0.005	0.006	0.000	0.000	0.000	0.000	0.006	0.005	0.001	-0.002	0.001	0.002	0.002	0.000	-0.002

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
63	27	0.019	0.000	0.000	0.001	-0.077	0.001	0.000	0.031	-0.045	-0.006	0.000	0.022	-0.005	-0.023	0.008	-0.003
		0.000	0.000	-0.001	-0.005	-1.279	0.001	-0.002	0.030	0.021	0.002	-0.006	-0.018	-0.084	0.002	0.002	0.010
		0.029	0.002	0.001	-0.001	-0.076	0.004	0.001	0.021	-0.051	0.012	-0.002	0.022	0.019	-0.012	-0.002	0.008
		0.000	-0.001	0.000	-0.004	-1.281	-0.001	-0.001	0.020	0.001	0.019	0.000	-0.016	-0.094	0.008	-0.003	0.009
		-0.062	-0.001	0.000	0.001	-0.074	0.003	0.000	0.043	-0.035	-0.012	-0.005	0.021	-0.016	-0.009	-0.002	0.012
		0.000	-0.001	-0.001	-0.001	-1.278	-0.002	-0.002	0.017	0.030	0.004	-0.012	-0.024	-0.080	0.001	0.001	0.007
		-0.023	0.003	0.001	0.000	-0.076	0.003	0.001	0.028	-0.053	0.018	-0.022	0.027	0.034	-0.017	0.001	0.009
		0.000	0.001	-0.001	-0.002	-1.282	-0.002	-0.002	0.045	0.007	0.009	0.004	-0.032	-0.086	0.002	-0.001	0.014
		0.060	0.000	-0.001	-0.002	-0.077	0.001	0.001	0.033	-0.048	0.012	-0.009	0.030	-0.011	-0.022	0.003	0.009
		0.000	0.000	0.000	-0.003	-1.282	-0.002	-0.002	0.031	0.015	0.001	0.007	-0.016	-0.096	-0.001	0.001	0.013
63	28	0.036	-0.001	0.006	-0.008	-0.001	-0.005	-0.003	-0.002	-0.003	-0.001	0.000	0.003	0.000	0.000	0.000	0.000
		0.000	-0.010	0.001	0.002	0.002	0.005	-0.002	0.002	-0.001	-0.001	-0.003	-0.001	0.002	0.000	0.000	0.000
		0.052	-0.004	0.003	-0.011	-0.004	-0.002	-0.003	0.001	-0.001	-0.002	0.002	0.000	0.000	0.001	0.000	0.001
		0.000	-0.005	0.001	0.002	-0.002	0.003	-0.001	-0.001	0.003	-0.001	-0.001	0.001	-0.001	0.000	0.000	0.000
		-0.051	0.004	0.001	-0.006	-0.005	-0.002	-0.002	-0.001	0.002	0.000	-0.003	0.001	0.002	-0.001	0.000	0.001
		0.000	-0.003	-0.001	-0.001	0.002	0.002	0.000	-0.002	0.000	0.003	-0.001	-0.003	0.000	0.001	-0.001	0.000
		-0.002	-0.004	0.005	-0.009	-0.005	-0.003	-0.004	0.006	-0.003	-0.005	0.002	0.002	0.001	-0.003	0.000	0.003
		0.000	-0.003	-0.002	0.004	-0.001	0.004	-0.004	0.000	0.007	-0.003	-0.003	0.000	0.002	0.000	-0.004	0.001
		0.078	0.002	0.004	-0.008	-0.003	-0.005	-0.003	0.000	-0.001	0.001	0.000	0.001	0.001	-0.001	0.000	0.000
		0.000	-0.009	0.001	0.001	0.002	0.004	-0.002	-0.001	0.000	-0.001	0.001	-0.001	0.000	0.000	-0.001	0.000

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
63	29																
	FLAP1C_TS_COS	0.025	-0.002	-0.001	-0.005	0.000	0.001	0.000	-0.001	-0.003	-0.001	0.002	0.001	0.000	-0.001	0.000	0.000
	FLAP1C_TS_SIN	0.000	-0.007	0.005	0.000	0.000	0.000	0.000	0.001	0.000	-0.002	0.000	0.001	0.001	0.000	-0.001	0.001
	FLAP2C_TS_COS	0.032	0.001	-0.003	-0.004	0.002	0.000	0.001	-0.004	0.002	0.000	-0.002	0.002	0.000	-0.001	0.000	0.000
	FLAP2C_TS_SIN	0.000	-0.004	0.008	-0.001	0.000	0.001	0.000	-0.001	-0.001	0.003	-0.001	-0.001	0.001	-0.001	-0.001	0.001
	FLAP3C_TS_COS	-0.060	0.002	-0.003	-0.003	-0.001	0.001	0.000	-0.001	0.000	-0.001	-0.001	0.001	0.001	0.000	0.000	0.000
	FLAP3C_TS_SIN	0.000	-0.004	0.003	0.000	0.000	0.000	-0.001	-0.001	0.001	0.002	0.000	-0.001	0.000	0.000	0.000	0.000
	FLAP4C_TS_COS	-0.017	-0.003	0.001	-0.005	0.000	0.003	0.000	-0.002	0.000	-0.003	0.002	0.001	-0.002	0.001	0.000	0.000
	FLAP4C_TS_SIN	0.000	-0.007	0.006	0.001	-0.002	-0.001	0.001	-0.001	0.002	0.000	-0.002	0.002	-0.001	-0.001	0.000	0.000
	FLAP5C_TS_COS	0.065	-0.001	-0.003	-0.003	-0.001	0.002	-0.001	-0.001	0.001	-0.001	0.000	0.001	0.000	0.000	-0.001	0.000
	FLAP5C_TS_SIN	0.000	-0.005	0.001	0.000	0.000	0.000	0.000	-0.002	0.001	0.001	0.000	0.000	-0.001	0.000	0.000	0.000
RUN	POINT	Harmonics															
63	30																
	FLAP1C_TS_COS	0.040	0.001	0.037	-0.005	0.003	0.000	-0.001	0.006	-0.011	0.000	0.001	0.004	-0.001	-0.003	0.002	0.005
	FLAP1C_TS_SIN	0.000	-0.002	1.484	-0.005	-0.001	0.000	-0.001	0.020	0.024	0.004	-0.037	0.012	0.009	0.001	0.001	0.007
	FLAP2C_TS_COS	0.053	-0.002	0.034	-0.006	0.007	0.002	-0.001	-0.009	0.003	0.007	0.008	-0.004	-0.004	0.003	0.006	0.004
	FLAP2C_TS_SIN	0.000	-0.002	1.487	-0.008	-0.002	0.001	0.001	-0.002	0.012	0.021	-0.019	-0.002	0.000	-0.001	-0.004	0.009
	FLAP3C_TS_COS	-0.045	-0.001	0.036	-0.004	0.003	0.002	-0.001	-0.003	-0.005	0.002	-0.013	0.002	0.002	0.001	-0.003	0.006
	FLAP3C_TS_SIN	0.000	-0.002	1.480	-0.002	0.001	-0.001	-0.001	0.009	0.013	0.009	-0.028	0.004	-0.001	-0.003	0.006	0.004
	FLAP4C_TS_COS	-0.001	-0.001	0.036	-0.004	0.006	0.001	0.000	0.008	0.005	0.009	-0.004	0.003	0.002	0.007	0.008	0.003
	FLAP4C_TS_SIN	0.000	-0.002	1.490	-0.004	-0.001	0.001	-0.002	0.011	0.015	0.022	-0.023	-0.004	0.000	-0.001	-0.005	0.009
	FLAP5C_TS_COS	0.080	0.001	0.038	-0.005	0.005	0.002	-0.001	-0.005	-0.003	0.009	-0.006	-0.004	-0.004	0.001	0.002	0.006
	FLAP5C TS SIN	0.000	-0.004	1.487	-0.004	-0.001	-0.001	0.001	0.000	0.010	0.011	-0.036	0.007	0.002	-0.003	0.000	0.008

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.018	-0.001	0.766	0.001	-0.003	-0.001	0.002	-0.008	-0.002	-0.010	-0.006	0.020	0.000	0.003	0.003	-0.006		
FLAP1C	TS_SIN	0.000	0.004	1.256	0.001	-0.002	0.003	-0.001	0.009	0.012	0.009	0.016	0.002	0.009	-0.001	-0.004	0.000		
FLAP2C	TS_COS	0.024	-0.002	0.764	0.001	-0.005	-0.004	0.001	-0.023	0.003	0.002	-0.017	0.012	-0.001	-0.010	0.001	0.005		
FLAP2C	TS_SIN	0.000	0.002	1.258	0.002	-0.002	0.003	-0.002	0.005	0.003	0.011	0.021	0.004	0.012	0.000	-0.004	-0.002		
FLAP3C	TS_COS	-0.063	-0.001	0.764	0.001	-0.005	-0.002	0.001	0.003	-0.005	-0.001	-0.008	0.010	0.005	-0.003	0.001	-0.003		
FLAP3C	TS_SIN	0.000	0.004	1.257	0.002	-0.001	0.000	-0.002	0.011	0.011	0.002	0.030	-0.003	0.005	-0.001	-0.009	0.001		
FLAP4C	TS_COS	-0.025	-0.002	0.767	0.002	-0.005	0.000	0.000	-0.005	0.003	0.004	-0.020	0.016	0.000	-0.009	0.007	0.004		
FLAP4C	TS_SIN	0.000	0.002	1.264	0.004	-0.002	0.003	-0.001	0.005	0.010	0.005	0.020	0.004	0.009	-0.008	0.001	-0.002		
FLAP5C	TS_COS	0.056	-0.001	0.766	0.003	-0.003	-0.002	0.001	-0.011	0.001	-0.003	-0.004	0.014	0.002	0.004	-0.001	-0.005		
FLAP5C	TS_SIN	0.000	0.001	1.257	0.000	-0.002	0.002	-0.001	0.003	0.015	0.008	0.024	0.001	0.008	0.000	-0.006	-0.007		
RUN	POINT	Harmonics																	
63	32	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.035	-0.001	1.308	-0.005	-0.004	-0.001	-0.001	-0.015	-0.016	0.006	0.031	0.004	0.004	-0.007	0.001	0.001		
FLAP1C	TS_SIN	0.000	0.000	0.717	-0.001	-0.009	0.001	-0.001	0.015	0.009	0.007	-0.026	-0.002	0.003	-0.003	0.002	0.001		
FLAP2C	TS_COS	0.045	-0.004	1.310	-0.004	-0.004	-0.003	-0.001	-0.021	-0.020	0.010	0.038	0.010	0.009	-0.003	-0.005	-0.006		
FLAP2C	TS_SIN	0.000	0.000	0.718	-0.001	-0.009	0.002	-0.001	0.021	-0.004	0.005	0.001	-0.009	0.006	0.003	-0.011	-0.002		
FLAP3C	TS_COS	-0.048	-0.002	1.301	-0.002	-0.004	-0.003	-0.001	-0.005	-0.011	0.003	0.025	0.004	0.006	-0.006	0.007	-0.003		
FLAP3C	TS_SIN	0.000	0.000	0.715	0.002	-0.005	0.001	0.000	0.006	0.012	0.001	-0.023	-0.007	0.001	0.002	0.007	0.001		
FLAP4C	TS_COS	-0.007	-0.001	1.312	-0.005	-0.003	-0.001	-0.003	-0.020	-0.011	0.014	0.027	0.010	0.014	-0.007	-0.001	-0.004		
FLAP4C	TS_SIN	0.000	-0.001	0.723	0.001	-0.009	0.005	0.000	0.014	0.003	0.006	0.001	-0.014	0.008	-0.001	-0.011	0.002		
FLAP5C	TS_COS	0.075	-0.001	1.309	-0.002	-0.005	-0.004	-0.001	-0.015	-0.009	0.010	0.035	0.007	0.007	-0.007	0.000	-0.005		
FLAP5C	TS_SIN	0.000	-0.001	0.718	-0.002	-0.007	0.001	-0.001	0.011	0.007	0.003	-0.035	-0.011	0.006	0.000	0.006	0.009		

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.033	0.002	1.481	-0.001	-0.003	-0.001	-0.002	-0.008	-0.010	-0.016	-0.020	0.016	0.004	0.000	-0.010	-0.005		
FLAP1C	TS_SIN	0.000	0.001	-0.043	0.001	0.002	0.002	-0.002	0.009	0.014	-0.007	-0.006	0.003	0.000	0.001	-0.002	0.000		
FLAP2C	TS_COS	0.043	0.003	1.482	-0.003	-0.002	-0.003	-0.002	0.003	-0.016	-0.013	-0.009	0.012	0.001	0.001	0.000	-0.007		
FLAP2C	TS_SIN	0.000	0.000	-0.040	0.000	-0.001	0.004	-0.003	0.010	0.015	-0.008	-0.014	0.004	-0.002	-0.001	0.001	0.000		
FLAP3C	TS_COS	-0.051	0.002	1.476	-0.001	-0.001	-0.002	0.000	-0.002	-0.009	-0.009	-0.032	0.006	0.004	0.000	-0.005	-0.006		
FLAP3C	TS_SIN	0.000	0.002	-0.040	0.001	0.001	0.002	-0.001	0.010	0.012	-0.006	0.005	-0.003	-0.004	-0.003	-0.003	0.000		
FLAP4C	TS_COS	-0.011	0.001	1.486	-0.002	-0.003	0.000	-0.001	-0.005	-0.011	-0.006	-0.017	0.010	0.003	-0.001	0.003	-0.008		
FLAP4C	TS_SIN	0.000	-0.002	-0.040	0.001	0.001	0.003	0.000	0.012	0.013	-0.009	-0.013	0.004	-0.006	0.000	0.004	-0.001		
FLAP5C	TS_COS	0.072	0.003	1.482	-0.001	-0.002	-0.004	-0.001	-0.015	-0.010	-0.013	-0.035	0.016	0.010	0.004	-0.008	-0.009		
FLAP5C	TS_SIN	0.000	0.000	-0.042	-0.001	0.003	0.004	-0.003	0.007	0.004	-0.001	0.004	-0.004	-0.006	-0.006	-0.002	0.006		
RUN	POINT	Harmonics																	
63	34	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.036	-0.003	1.265	-0.003	-0.001	0.000	-0.003	0.000	-0.005	-0.007	0.037	0.010	0.003	-0.006	0.006	-0.003		
FLAP1C	TS_SIN	0.000	-0.003	-0.778	0.004	-0.005	0.000	0.001	-0.005	0.007	0.015	0.005	-0.009	-0.001	0.006	-0.001	0.004		
FLAP2C	TS_COS	0.048	-0.002	1.265	-0.002	0.000	0.000	-0.003	-0.003	0.005	-0.010	0.026	0.015	-0.004	-0.005	-0.006	-0.004		
FLAP2C	TS_SIN	0.000	-0.002	-0.777	0.004	-0.005	0.002	0.001	-0.025	0.015	0.025	0.017	-0.006	-0.001	-0.002	-0.001	0.002		
FLAP3C	TS_COS	-0.048	-0.001	1.259	0.000	0.000	-0.001	-0.002	0.005	-0.002	-0.004	0.027	0.008	0.001	-0.002	0.012	-0.003		
FLAP3C	TS_SIN	0.000	-0.001	-0.775	0.003	-0.004	0.000	0.001	0.000	0.013	0.014	0.001	-0.007	0.001	0.002	-0.001	0.003		
FLAP4C	TS_COS	-0.006	-0.003	1.267	-0.003	0.000	0.000	-0.004	-0.007	0.000	-0.008	0.017	0.017	0.001	-0.006	-0.004	-0.004		
FLAP4C	TS_SIN	0.000	-0.002	-0.779	0.003	-0.006	0.003	0.000	-0.014	0.015	0.023	0.019	-0.010	0.003	-0.005	0.000	0.003		
FLAP5C	TS_COS	0.076	-0.002	1.267	-0.002	-0.001	-0.002	-0.002	-0.011	-0.003	-0.009	0.045	0.019	-0.004	-0.009	0.008	-0.003		
FLAP5C	TS_SIN	0.000	-0.002	-0.779	0.002	-0.004	0.002	0.000	-0.009	0.013	0.025	0.005	-0.013	-0.003	-0.005	0.008	0.006		

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
63	35																
	FLAP1C_TS_COS	0.031	-0.004	-0.031	-0.010	-0.004	0.008	-0.003	0.008	0.016	0.012	0.002	0.006	0.004	-0.003	0.001	-0.004
	FLAP1C_TS_SIN	0.000	-0.004	1.478	0.006	-0.002	0.000	-0.005	0.006	0.007	-0.007	-0.030	0.007	-0.007	0.006	0.006	-0.003
	FLAP2C_TS_COS	0.043	-0.001	-0.032	-0.001	0.001	-0.001	0.001	0.024	0.011	0.013	0.024	0.003	-0.001	0.004	0.007	0.000
	FLAP2C_TS_SIN	0.000	-0.006	1.481	0.014	0.001	0.002	-0.007	0.015	-0.010	0.013	-0.030	0.013	-0.005	0.008	-0.001	0.000
	FLAP3C_TS_COS	-0.051	0.009	-0.033	0.008	-0.002	0.003	0.001	0.010	0.009	0.004	0.003	0.000	-0.001	-0.001	-0.004	-0.003
	FLAP3C_TS_SIN	0.000	-0.007	1.477	0.004	-0.001	-0.007	-0.003	0.002	-0.003	0.002	-0.037	0.004	-0.004	0.003	0.005	-0.003
	FLAP4C_TS_COS	-0.011	0.006	-0.033	0.004	-0.004	0.006	0.001	0.010	0.025	0.010	0.017	0.005	-0.003	0.005	0.004	0.003
	FLAP4C_TS_SIN	0.000	0.012	1.484	-0.004	-0.001	0.004	-0.004	0.017	-0.004	-0.002	-0.018	0.012	-0.005	0.006	0.000	0.001
	FLAP5C_TS_COS	0.073	-0.010	-0.032	-0.006	-0.001	0.000	-0.003	0.015	0.023	0.008	0.003	0.007	-0.003	0.001	-0.002	-0.003
	FLAP5C_TS_SIN	0.000	0.005	1.484	-0.005	0.001	-0.005	-0.004	0.011	-0.004	-0.008	-0.039	0.003	-0.005	0.003	0.002	-0.005
RUN	POINT	Harmonics															
63	36																
	FLAP1C_TS_COS	0.033	0.000	-0.046	-0.001	0.002	-0.003	-0.002	-0.014	0.005	-0.011	0.009	-0.002	0.007	-0.008	0.008	-0.001
	FLAP1C_TS_SIN	0.000	-0.004	-1.482	0.008	0.003	0.002	0.001	0.003	0.012	0.005	0.024	-0.008	0.004	0.006	-0.011	0.000
	FLAP2C_TS_COS	0.044	0.001	-0.046	-0.001	0.001	-0.001	-0.002	-0.031	0.019	-0.016	-0.004	-0.007	0.009	-0.004	-0.007	0.005
	FLAP2C_TS_SIN	0.000	-0.004	-1.484	0.006	0.002	0.002	0.001	-0.017	0.001	0.023	0.023	-0.006	-0.007	0.013	0.000	0.000
	FLAP3C_TS_COS	-0.052	0.000	-0.044	0.001	0.003	-0.001	-0.002	-0.013	0.012	-0.004	-0.002	0.002	0.003	-0.004	-0.001	0.003
	FLAP3C_TS_SIN	0.000	-0.002	-1.480	0.004	0.002	0.003	0.001	0.001	-0.003	0.015	0.016	-0.005	0.000	0.002	-0.013	-0.001
	FLAP4C_TS_COS	-0.010	0.002	-0.045	-0.001	0.002	-0.001	0.000	-0.018	0.013	-0.015	-0.001	-0.015	0.006	-0.003	-0.002	-0.001
	FLAP4C_TS_SIN	0.000	-0.002	-1.487	0.004	0.002	0.001	0.001	-0.015	0.014	0.004	0.024	-0.002	-0.003	0.010	0.000	0.007
	FLAP5C_TS_COS	0.072	0.000	-0.046	-0.003	0.004	-0.002	-0.001	-0.013	0.014	-0.017	0.012	-0.002	0.007	-0.005	0.001	0.004
	FLAP5C TS SIN	0.000	-0.002	-1.484	0.006	0.002	0.004	0.002	-0.008	0.008	0.015	0.025	-0.005	0.001	0.012	-0.016	0.000

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
63	37																
		0.038	-0.003	-0.790	0.000	0.003	0.001	0.001	-0.013	0.000	0.001	0.014	-0.012	0.010	-0.003	0.001	-0.006
		0.000	-0.003	-1.259	-0.001	-0.007	-0.002	-0.001	0.017	-0.003	0.001	-0.043	-0.002	-0.012	0.006	-0.001	0.011
		0.049	-0.001	-0.789	0.000	0.007	0.002	-0.001	-0.023	0.003	0.008	0.024	-0.003	-0.005	0.013	-0.008	-0.006
		0.000	-0.004	-1.261	-0.001	-0.006	-0.001	-0.003	0.014	-0.014	0.018	-0.032	0.006	-0.011	0.001	0.001	-0.008
		-0.046	-0.002	-0.784	0.001	0.002	0.000	0.002	-0.005	-0.009	0.012	-0.007	-0.003	0.010	-0.005	-0.002	-0.003
		0.000	-0.002	-1.260	0.000	-0.006	-0.003	-0.001	0.022	-0.018	0.006	-0.032	-0.009	0.001	0.000	0.007	0.007
		-0.001	0.000	-0.791	-0.001	0.007	0.002	0.001	-0.021	0.004	-0.003	0.027	-0.007	-0.001	0.008	-0.004	-0.001
		0.000	0.000	-1.265	-0.004	-0.006	-0.001	-0.002	0.008	-0.001	0.009	-0.030	0.011	-0.011	-0.001	-0.006	0.004
		0.079	-0.003	-0.789	-0.001	0.003	0.002	0.001	-0.012	0.010	0.002	0.002	-0.009	0.004	0.009	-0.012	-0.004
		0.000	-0.001	-1.262	-0.001	-0.007	-0.001	-0.001	0.006	-0.005	0.016	-0.054	-0.002	-0.012	0.005	0.006	0.000
RUN	POINT	Harmonics															
63	38																
		0.029	0.002	-1.303	-0.009	-0.003	-0.001	-0.002	-0.020	-0.002	-0.011	-0.008	0.007	-0.001	-0.002	-0.014	0.004
		0.000	-0.005	-0.694	0.005	-0.004	0.000	-0.005	0.018	0.002	0.001	0.005	0.009	-0.008	0.005	-0.006	0.008
		0.036	0.003	-1.301	-0.008	-0.003	0.002	-0.002	-0.022	-0.008	0.002	-0.026	0.012	-0.008	0.004	0.002	-0.003
		0.000	-0.007	-0.696	0.004	-0.005	-0.001	-0.003	0.023	-0.004	0.010	0.002	0.004	0.001	-0.012	0.012	0.003
		-0.055	0.003	-1.298	-0.006	-0.003	-0.001	-0.002	0.004	-0.009	-0.004	-0.021	0.001	0.008	-0.004	-0.012	0.000
		0.000	-0.005	-0.696	0.002	-0.003	0.000	-0.005	0.019	0.008	0.001	0.018	-0.009	0.002	-0.002	-0.006	0.009
		-0.016	0.006	-1.305	-0.008	-0.003	0.000	-0.001	-0.021	-0.003	-0.013	-0.026	0.013	-0.007	-0.002	-0.001	0.007
		0.000	-0.003	-0.699	0.004	-0.004	-0.001	-0.006	0.021	0.013	0.002	-0.007	0.012	0.001	0.000	0.004	0.001
		0.068	0.003	-1.304	-0.007	-0.004	0.001	-0.001	-0.013	0.007	-0.006	-0.029	0.007	-0.002	0.008	-0.011	-0.004
		0.000	-0.003	-0.698	0.005	-0.003	-0.002	-0.007	0.012	-0.001	0.016	0.018	-0.002	0.000	0.000	0.001	0.001

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
63	39																	
		FLAP1C_TS_COS	0.031	0.000	-1.479	-0.004	-0.001	-0.003	-0.002	-0.024	-0.009	-0.002	0.039	0.006	0.001	0.005	0.000	0.005
		FLAP1C_TS_SIN	0.000	-0.004	0.053	0.004	-0.003	0.002	-0.002	0.028	0.003	0.005	-0.026	-0.013	-0.012	0.001	0.019	-0.005
		FLAP2C_TS_COS	0.041	-0.001	-1.477	-0.006	0.000	0.000	-0.001	-0.014	-0.012	0.005	0.031	0.007	0.001	-0.002	-0.002	-0.004
		FLAP2C_TS_SIN	0.000	-0.006	0.053	0.003	-0.005	0.001	-0.001	0.029	-0.004	0.006	0.004	-0.017	0.003	-0.007	0.002	0.006
		FLAP3C_TS_COS	-0.052	-0.001	-1.473	-0.004	-0.001	-0.002	-0.002	-0.003	-0.005	0.003	0.027	-0.010	0.012	0.002	0.001	0.007
		FLAP3C_TS_SIN	0.000	-0.007	0.050	0.003	-0.003	0.002	-0.002	0.013	0.006	0.007	-0.012	-0.018	-0.011	0.003	0.008	0.000
		FLAP4C_TS_COS	-0.011	0.001	-1.479	-0.007	-0.002	-0.002	-0.001	-0.022	0.002	-0.009	0.023	0.018	-0.002	0.005	-0.006	-0.006
63	40																	
		FLAP4C_TS_SIN	0.000	-0.005	0.054	0.005	-0.005	-0.001	-0.003	0.021	0.008	0.009	-0.007	-0.009	-0.007	-0.004	0.006	-0.004
		FLAP5C_TS_COS	0.071	-0.001	-1.480	-0.004	0.000	-0.002	-0.003	-0.016	-0.001	0.003	0.037	0.005	0.003	0.004	0.002	-0.002
		FLAP5C_TS_SIN	0.000	-0.003	0.053	0.004	-0.003	0.002	-0.001	0.012	-0.005	0.016	-0.020	-0.018	-0.005	-0.007	0.016	0.000
63	40																	
		FLAP1C_TS_COS	0.037	-0.006	-1.270	0.004	0.005	0.003	-0.001	-0.006	-0.021	-0.002	-0.040	-0.003	-0.007	-0.004	0.001	-0.008
		FLAP1C_TS_SIN	0.000	0.002	0.772	-0.003	-0.002	0.004	0.005	0.042	0.016	-0.003	-0.036	0.002	-0.004	-0.004	0.003	0.004
		FLAP2C_TS_COS	0.050	-0.008	-1.274	0.001	0.005	0.003	-0.004	-0.001	-0.027	0.001	-0.021	-0.006	-0.001	-0.008	0.007	0.000
		FLAP2C_TS_SIN	0.000	0.002	0.775	-0.006	-0.003	0.004	0.003	0.037	0.008	-0.004	-0.035	-0.002	-0.002	-0.001	0.004	0.003
		FLAP3C_TS_COS	-0.048	-0.005	-1.266	0.001	0.003	0.002	-0.001	0.001	-0.022	-0.002	-0.034	-0.010	-0.007	0.003	-0.010	-0.001
		FLAP3C_TS_SIN	0.000	0.000	0.770	-0.002	-0.003	0.002	0.002	0.022	0.013	-0.007	-0.015	0.004	-0.015	-0.007	0.000	0.005
		FLAP4C_TS_COS	-0.005	-0.005	-1.275	-0.001	0.008	0.003	-0.004	-0.015	-0.014	-0.004	-0.030	0.004	-0.011	-0.004	0.014	-0.009
63	40																	
		FLAP4C_TS_SIN	0.000	0.003	0.776	-0.005	-0.005	0.006	0.003	0.036	0.014	0.001	-0.040	-0.005	-0.002	-0.008	0.007	0.001
		FLAP5C_TS_COS	0.077	-0.006	-1.272	0.002	0.003	0.003	-0.002	-0.010	-0.013	0.002	-0.054	-0.002	-0.004	-0.002	-0.002	-0.008
63	40																	
		FLAP5C_TS_SIN	0.000	0.000	0.775	-0.002	-0.002	0.002	0.003	0.022	0.007	0.002	-0.024	-0.004	-0.005	-0.004	-0.001	0.005

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.022	0.002	-0.706	0.003	-0.001	0.000	0.006	-0.002	-0.021	-0.012	0.023	0.001	-0.008	-0.002	0.009	-0.001		
FLAP1C	TS_SIN	0.000	0.000	1.306	0.003	0.006	0.001	-0.002	0.029	0.025	0.011	0.016	-0.001	-0.001	0.006	0.003	0.005		
FLAP2C	TS_COS	0.029	0.002	-0.706	0.005	-0.002	0.000	0.008	0.003	-0.018	-0.019	0.001	0.011	0.002	-0.006	-0.003	0.000		
FLAP2C	TS_SIN	0.000	-0.003	1.307	0.005	0.009	-0.002	0.000	0.015	0.026	0.015	0.024	-0.013	0.000	0.003	0.005	0.010		
FLAP3C	TS_COS	-0.061	0.002	-0.705	-0.001	-0.002	0.002	0.004	-0.002	-0.013	-0.012	0.020	0.004	-0.002	-0.002	0.004	0.001		
FLAP3C	TS_SIN	0.000	-0.002	1.301	0.005	0.004	0.000	0.000	0.013	0.025	0.012	0.020	-0.003	0.002	0.003	-0.003	0.003		
FLAP4C	TS_COS	-0.023	0.003	-0.707	0.002	-0.001	-0.002	0.006	-0.002	-0.005	-0.023	-0.011	0.016	0.000	-0.010	0.000	-0.004		
FLAP4C	TS_SIN	0.000	-0.002	1.311	0.007	0.008	-0.001	0.000	0.027	0.030	0.020	0.015	-0.009	0.004	0.000	0.002	0.010		
FLAP5C	TS_COS	0.059	0.003	-0.704	0.002	0.000	0.000	0.005	-0.010	-0.005	-0.012	0.025	0.002	0.000	0.000	0.008	-0.001		
FLAP5C	TS_SIN	0.000	-0.001	1.309	0.004	0.008	-0.001	-0.003	0.016	0.018	0.019	0.024	-0.010	-0.002	0.005	0.002	0.006		
RUN	POINT	Harmonics																	
63	42	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
FLAP1C	TS_COS	0.031	0.000	0.046	-0.001	0.003	-0.002	0.001	-0.004	-0.007	-0.004	0.002	-0.002	0.001	-0.006	0.004	0.004		
FLAP1C	TS_SIN	0.000	0.003	1.477	0.004	-0.003	0.005	0.001	0.015	0.023	0.007	-0.033	0.010	0.009	0.000	0.001	0.007		
FLAP2C	TS_COS	0.042	-0.003	0.044	-0.003	0.001	-0.003	0.002	-0.019	0.004	0.000	0.010	-0.008	-0.001	0.002	0.009	0.001		
FLAP2C	TS_SIN	0.000	0.002	1.480	0.005	-0.004	0.003	0.001	-0.004	0.013	0.021	-0.018	-0.008	-0.001	-0.002	-0.004	0.009		
FLAP3C	TS_COS	-0.053	-0.001	0.042	-0.003	0.002	-0.003	0.001	-0.012	-0.006	-0.004	-0.010	-0.004	0.003	-0.002	-0.002	0.004		
FLAP3C	TS_SIN	0.000	0.001	1.476	0.005	-0.001	0.002	0.000	0.008	0.012	0.009	-0.026	0.002	0.000	-0.002	0.007	0.004		
FLAP4C	TS_COS	-0.012	-0.003	0.044	-0.003	0.002	-0.003	0.001	-0.001	0.004	0.001	-0.001	-0.002	0.003	0.003	0.008	-0.001		
FLAP4C	TS_SIN	0.000	0.001	1.483	0.005	-0.004	0.004	0.000	0.012	0.017	0.022	-0.023	-0.008	0.002	-0.001	-0.004	0.007		
FLAP5C	TS_COS	0.070	0.000	0.044	-0.001	0.002	-0.003	0.001	-0.014	-0.005	-0.001	-0.004	-0.011	-0.003	-0.001	0.005	0.004		
FLAP5C	TS_SIN	0.000	0.001	1.481	0.005	-0.001	0.001	0.001	0.002	0.010	0.013	-0.038	0.005	0.003	-0.003	0.002	0.008		

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
	FLAP1C_TS_COS	0.023	0.006	0.001	0.006	0.000	0.003	-0.001	-0.005	-0.002	0.000	0.003	0.001	0.000	-0.001	0.000	0.000		
	FLAP1C_TS_SIN	0.000	0.011	-0.001	-0.006	0.001	-0.001	0.004	0.000	-0.001	-0.002	0.000	0.002	0.000	0.001	-0.001	0.001		
	FLAP2C_TS_COS	0.037	0.000	0.010	0.006	-0.002	0.000	-0.002	-0.006	0.003	0.000	-0.002	0.002	0.001	-0.001	0.001	0.000		
	FLAP2C_TS_SIN	0.000	0.009	0.003	-0.005	0.002	-0.001	0.002	-0.003	-0.002	0.004	-0.001	-0.002	0.002	0.000	-0.001	0.001		
	FLAP3C_TS_COS	-0.056	-0.001	0.008	0.001	-0.001	0.001	-0.003	-0.001	0.001	0.000	-0.001	0.001	0.001	0.000	0.000	0.000		
	FLAP3C_TS_SIN	0.000	0.004	0.001	-0.004	0.001	0.002	0.000	-0.001	0.000	0.001	0.000	-0.001	0.000	0.001	0.000	0.000		
	FLAP4C_TS_COS	-0.019	0.004	0.005	0.007	-0.001	-0.001	-0.002	-0.002	0.000	0.002	0.002	0.001	-0.002	0.001	0.000	0.000		
	FLAP4C_TS_SIN	0.000	0.009	0.000	-0.005	0.004	-0.001	0.000	-0.001	0.002	0.000	-0.002	0.003	-0.001	-0.001	0.001	-0.001		
	FLAP5C_TS_COS	0.061	0.005	0.003	0.005	0.000	0.001	-0.004	-0.002	0.002	-0.001	0.000	0.001	-0.001	0.001	-0.001	0.000		
	FLAP5C_TS_SIN	0.000	0.010	-0.001	-0.005	0.003	0.001	0.001	-0.003	0.001	0.002	-0.001	0.000	0.000	0.000	0.001	-0.001		
RUN	POINT	Harmonics																	
63	45	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
	FLAP1C_TS_COS	0.031	-0.004	0.002	0.002	0.001	0.002	0.004	-0.005	-0.001	-0.002	-0.002	0.003	0.000	0.000	0.001	0.001		
	FLAP1C_TS_SIN	0.000	-0.004	-0.004	0.007	0.001	-0.003	0.003	0.002	0.000	0.002	-0.004	-0.001	0.000	0.001	0.000	0.002		
	FLAP2C_TS_COS	0.038	-0.001	-0.001	0.002	0.000	0.001	0.000	0.000	0.003	-0.001	-0.002	0.001	0.001	0.000	-0.001	0.001		
	FLAP2C_TS_SIN	0.000	0.000	-0.005	-0.001	0.004	-0.002	0.000	0.000	0.002	0.007	-0.002	0.000	-0.001	0.002	-0.001	0.001		
	FLAP3C_TS_COS	-0.055	-0.003	-0.001	0.000	0.001	0.001	0.002	-0.003	-0.001	-0.001	-0.002	0.002	-0.001	0.001	0.001	0.001		
	FLAP3C_TS_SIN	0.000	0.001	-0.005	0.001	0.004	-0.002	0.002	0.004	0.000	0.003	-0.003	-0.001	-0.001	0.000	0.000	0.002		
	FLAP4C_TS_COS	-0.014	-0.002	0.001	0.003	0.002	0.002	0.000	-0.001	-0.001	-0.005	-0.002	0.002	0.001	-0.001	0.000	0.001		
	FLAP4C_TS_SIN	0.000	0.000	-0.005	0.000	0.003	-0.003	0.000	0.001	0.005	0.005	-0.001	-0.003	0.001	-0.001	0.000	0.002		
	FLAP5C_TS_COS	0.068	-0.003	-0.002	0.000	0.000	0.002	-0.001	0.000	-0.001	-0.001	-0.001	0.001	0.001	0.001	0.000	0.000		
	FLAP5C_TS_SIN	0.000	0.002	-0.006	0.000	0.003	0.000	0.001	-0.001	0.001	0.001	-0.001	0.000	0.000	0.000	0.000	0.001		

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
63	48	FLAP1C_TS_COS	0.032	0.004	-0.003	-0.002	0.007	-0.012	-0.006	-0.002	-0.002	0.000	0.000	0.004	0.001	0.000	0.000	0.000
		FLAP1C_TS_SIN	0.000	-0.007	-0.004	-0.001	-0.004	0.005	-0.001	0.002	0.000	0.002	-0.004	-0.001	0.002	0.000	0.000	0.001
		FLAP2C_TS_COS	0.048	0.000	0.001	-0.008	0.006	-0.017	-0.008	0.003	0.000	-0.001	0.001	0.000	0.001	0.001	-0.001	0.002
		FLAP2C_TS_SIN	0.000	-0.003	0.000	-0.001	-0.004	0.001	-0.001	-0.002	0.005	0.001	-0.001	0.000	-0.001	0.000	-0.001	0.001
		FLAP3C_TS_COS	-0.049	-0.001	0.000	-0.004	0.003	-0.011	-0.004	0.000	0.002	0.001	-0.002	0.000	0.002	0.000	-0.001	0.001
		FLAP3C_TS_SIN	0.000	-0.003	-0.003	-0.001	0.000	-0.002	-0.001	-0.001	0.002	0.004	-0.001	-0.003	0.001	0.001	-0.001	0.000
		FLAP4C_TS_COS	-0.007	0.000	0.003	-0.008	0.005	-0.013	-0.008	0.006	-0.002	-0.003	0.000	0.002	0.002	-0.003	0.000	0.003
		FLAP4C_TS_SIN	0.000	-0.006	0.000	0.000	-0.005	0.001	-0.002	-0.001	0.008	0.000	-0.003	-0.001	0.003	0.001	-0.004	0.001
63	51	FLAP5C_TS_COS	0.075	-0.001	0.000	-0.003	0.007	-0.014	-0.006	0.000	-0.003	0.002	0.000	0.001	0.001	0.000	0.000	0.000
		FLAP5C_TS_SIN	0.000	-0.005	-0.004	-0.001	-0.001	0.001	-0.003	0.001	0.001	0.000	0.000	-0.002	0.002	0.000	0.000	0.001
		RUN POINT Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		FLAP1C_TS_COS	0.026	0.001	0.001	-0.004	0.003	0.007	0.004	-0.007	0.004	-0.002	-0.001	0.002	0.000	0.002	-0.002	0.000
		FLAP1C_TS_SIN	0.000	-0.008	0.000	0.000	-0.006	-0.008	0.010	-0.001	0.002	0.004	-0.002	0.000	0.000	0.000	0.002	-0.001
		FLAP2C_TS_COS	0.033	0.000	-0.010	-0.002	0.004	0.002	-0.001	-0.007	0.002	0.001	-0.005	0.004	-0.001	0.003	-0.001	-0.004
		FLAP2C_TS_SIN	0.000	-0.003	0.002	-0.006	-0.005	0.004	0.001	0.003	-0.002	0.007	-0.003	-0.002	0.001	-0.003	0.004	-0.002
		FLAP3C_TS_COS	-0.062	-0.003	-0.007	-0.001	0.005	0.000	0.000	-0.002	0.004	0.000	-0.003	0.001	0.000	0.001	0.000	-0.001
63	51	FLAP3C_TS_SIN	0.000	-0.006	0.006	-0.005	-0.005	0.001	0.001	-0.002	-0.002	0.003	0.000	-0.001	0.000	0.000	0.002	0.000
		FLAP4C_TS_COS	-0.013	0.001	-0.005	-0.002	0.002	0.003	0.002	-0.004	0.003	-0.004	-0.003	0.004	-0.001	0.004	-0.003	0.000
		FLAP4C_TS_SIN	0.000	-0.004	0.003	-0.002	-0.004	-0.002	0.002	0.003	0.000	0.003	-0.005	0.003	0.000	-0.001	0.001	-0.002
		FLAP5C_TS_COS	0.060	0.001	-0.010	0.001	0.005	0.001	0.000	-0.003	0.001	-0.002	-0.001	0.001	0.000	0.002	-0.002	0.000
		FLAP5C_TS_SIN	0.000	-0.004	0.002	-0.006	-0.004	0.002	0.000	0.003	0.000	0.003	-0.001	0.000	0.000	0.000	0.001	-0.001

RUN	POINT	Harmonics																	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
	FLAP1C_TS_COS	0.034	0.003	-0.012	-0.002	0.005	0.002	0.004	-0.003	0.002	0.000	-0.007	0.004	0.002	0.001	-0.002	-0.002		
	FLAP1C_TS_SIN	0.000	-0.007	0.006	-0.007	-0.002	-0.001	0.002	0.002	-0.001	0.005	-0.002	-0.005	0.002	0.001	0.003	-0.003		
	FLAP2C_TS_COS	0.043	0.003	-0.015	-0.001	0.004	0.000	0.003	0.000	0.007	-0.002	-0.009	0.000	0.006	0.001	-0.003	-0.002		
	FLAP2C_TS_SIN	0.000	-0.002	0.005	-0.007	-0.001	0.000	0.001	-0.004	0.002	0.009	-0.001	-0.007	-0.001	0.004	0.002	-0.001		
	FLAP3C_TS_COS	-0.060	0.004	-0.012	-0.001	0.007	0.001	0.003	-0.001	0.006	-0.003	-0.008	0.002	0.001	0.002	-0.003	0.000		
	FLAP3C_TS_SIN	0.000	-0.005	0.009	-0.007	-0.004	0.001	0.000	-0.003	0.000	0.006	-0.003	-0.001	0.001	0.002	0.002	-0.003		
	FLAP4C_TS_COS	-0.010	0.006	-0.014	-0.002	0.004	0.000	0.003	0.002	0.005	-0.002	-0.006	0.000	0.004	0.000	-0.002	-0.002		
	FLAP4C_TS_SIN	0.000	-0.003	0.006	-0.007	-0.002	-0.001	0.001	-0.005	0.004	0.005	0.001	-0.003	0.000	0.002	0.000	-0.002		
	FLAP5C_TS_COS	0.070	0.008	-0.017	0.001	0.001	0.003	0.003	-0.002	0.002	-0.002	-0.003	0.001	0.001	0.000	-0.001	0.000		
	FLAP5C_TS_SIN	0.000	-0.001	0.002	-0.007	0.000	-0.001	0.003	-0.001	0.001	0.001	0.000	-0.001	0.000	0.002	0.000	0.000		
RUN	POINT	Harmonics																	
64	18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
	FLAP1C_TS_COS	0.025	0.000	0.000	0.000	0.000	0.001	0.007	0.007	0.001	-0.002	0.000	0.003	0.004	0.003	0.000	-0.002		
	FLAP1C_TS_SIN	0.000	-0.001	0.001	0.001	0.001	0.000	-0.002	0.002	0.003	0.001	-0.001	0.001	0.002	0.003	0.003	0.001		
	FLAP2C_TS_COS	0.038	0.000	0.001	-0.001	-0.001	0.001	-0.001	-0.001	-0.004	-0.004	-0.002	0.001	0.002	0.002	0.001	0.000		
	FLAP2C_TS_SIN	0.000	0.000	0.001	0.000	0.000	0.000	0.004	0.003	0.002	0.000	-0.001	0.000	-0.001	-0.001	-0.001	0.000		
	FLAP3C_TS_COS	-0.058	-0.001	0.000	0.000	-0.001	0.001	0.002	0.001	-0.002	-0.003	0.000	0.001	0.003	0.002	0.000	0.000		
	FLAP3C_TS_SIN	0.000	0.000	0.000	0.001	0.002	-0.001	0.000	0.000	0.002	0.002	0.002	0.002	0.001	0.000	-0.002	-0.001		
	FLAP4C_TS_COS	-0.014	0.000	0.001	0.000	0.000	0.002	0.002	0.000	-0.003	-0.004	-0.002	0.000	0.002	0.003	0.002	0.001		
	FLAP4C_TS_SIN	0.000	0.000	0.001	0.000	0.001	0.000	0.005	0.004	0.004	0.002	0.001	0.000	0.000	-0.001	-0.001	0.001		
	FLAP5C_TS_COS	0.066	-0.001	0.000	0.000	-0.001	0.001	0.003	0.002	-0.001	-0.002	0.000	0.001	0.001	0.000	-0.001	-0.001		
	FLAP5C_TS_SIN	0.000	-0.001	0.000	0.001	0.001	0.000	-0.001	0.001	0.002	0.002	0.001	0.001	0.000	0.000	-0.001	0.000		

RUN	POINT	Harmonics																
		64	19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	FLAP1C_TS_COS	0.019	0.001	-0.001	0.001	0.001	0.819	0.000	0.066	-0.002	0.021	-0.014	-0.012	0.001	0.099	0.005	0.000	0.007
	FLAP1C_TS_SIN	0.000	-0.003	0.001	0.000	0.000	1.235	-0.002	0.003	0.016	0.032	0.019	-0.012	-0.002	0.005	-0.004	0.007	0.001
	FLAP2C_TS_COS	0.033	0.000	-0.002	0.001	0.002	0.821	-0.002	0.064	-0.001	0.000	-0.005	-0.004	0.007	0.101	-0.011	0.003	-0.008
	FLAP2C_TS_SIN	0.000	0.001	0.001	0.002	0.001	1.238	-0.001	0.007	-0.008	0.059	0.011	-0.016	0.021	0.031	0.004	-0.004	0.000
	FLAP3C_TS_COS	-0.062	0.002	-0.002	-0.002	-0.002	0.815	-0.002	0.057	-0.001	0.009	-0.007	-0.021	0.007	0.081	0.004	-0.014	-0.003
	FLAP3C_TS_SIN	0.000	-0.001	0.000	0.000	0.000	1.234	0.001	-0.011	0.007	0.041	0.022	0.007	0.013	-0.017	0.003	-0.004	-0.003
	FLAP4C_TS_COS	-0.021	-0.001	-0.002	-0.003	-0.001	0.823	-0.001	0.072	0.019	0.018	-0.020	-0.005	0.003	0.104	0.002	0.006	0.001
	FLAP4C_TS_SIN	0.000	-0.001	0.001	-0.002	0.001	1.239	0.002	0.007	-0.010	0.067	0.013	0.004	0.020	0.040	0.004	-0.001	-0.007
	FLAP5C_TS_COS	0.059	0.002	-0.002	0.001	0.001	0.821	0.001	0.050	0.012	0.016	-0.011	-0.010	0.006	0.122	-0.006	-0.002	-0.002
	FLAP5C_TS_SIN	0.000	0.001	0.000	-0.002	0.000	1.239	0.000	0.002	-0.005	0.058	0.007	-0.003	0.010	0.001	-0.003	0.005	0.001
RUN	POINT	Harmonics																
64	31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15
	FLAP1C_TS_COS	0.023	0.000	-0.004	-0.001	-0.001	0.001	0.003	0.011	0.003	-0.001	0.003	0.003	0.005	0.003	0.002	-0.002	-0.003
	FLAP1C_TS_SIN	0.000	-0.001	0.000	0.000	-0.001	0.000	-0.006	0.002	0.005	0.002	-0.003	-0.003	0.002	0.001	0.002	0.002	0.001
	FLAP2C_TS_COS	0.037	0.000	-0.002	-0.002	-0.001	0.000	0.001	0.006	0.004	-0.001	-0.004	-0.004	0.000	0.003	0.003	-0.001	-0.001
	FLAP2C_TS_SIN	0.000	0.000	0.000	0.000	-0.001	0.001	-0.002	0.002	0.006	0.007	0.002	0.002	-0.002	-0.002	0.000	-0.001	0.000
	FLAP3C_TS_COS	-0.060	-0.001	-0.001	-0.001	-0.001	0.001	0.002	0.008	0.002	0.000	0.000	0.000	0.002	0.002	0.001	-0.002	-0.002
	FLAP3C_TS_SIN	0.000	0.001	-0.002	0.000	0.000	0.000	-0.002	0.000	0.004	0.002	0.001	0.001	0.001	0.000	-0.001	-0.002	-0.001
	FLAP4C_TS_COS	-0.015	0.000	-0.001	-0.001	0.000	0.000	0.001	0.004	0.001	-0.001	0.000	0.000	0.003	0.004	0.002	-0.001	-0.002
	FLAP4C_TS_SIN	0.000	-0.001	-0.001	0.000	-0.001	-0.001	0.000	0.001	0.002	0.005	0.002	0.001	-0.001	0.000	-0.001	-0.002	0.000
	FLAP5C_TS_COS	0.064	0.001	-0.001	-0.001	-0.001	-0.001	0.001	0.005	0.008	0.002	-0.001	-0.001	0.002	0.001	0.001	-0.002	-0.002
	FLAP5C_TS_SIN	0.000	0.001	-0.001	0.000	-0.001	-0.001	-0.004	0.003	0.004	0.004	0.004	0.002	0.003	0.002	0.001	-0.001	-0.002

RUN	POINT	Harmonics																
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
64	32	0.015	0.000	-0.001	-0.064	-0.001	0.000	0.013	0.039	0.013	-0.021	-0.018	0.010	0.012	0.023	0.000	-0.022	
		0.000	0.000	0.000	-1.476	0.003	-0.002	-0.023	0.005	0.009	-0.048	0.000	0.006	0.012	0.004	0.007	0.003	
		0.031	-0.001	0.001	-0.064	-0.001	0.002	-0.017	0.033	0.033	0.009	-0.015	-0.007	0.003	0.015	0.002	-0.003	
		0.000	-0.001	-0.001	-1.477	0.002	-0.001	-0.015	-0.013	0.004	-0.077	0.017	0.009	-0.003	0.005	-0.002	-0.022	
		-0.066	-0.001	0.003	-0.063	0.001	0.000	-0.013	0.033	0.019	-0.017	-0.007	0.008	0.005	0.008	0.003	-0.001	
		0.000	-0.001	0.001	-1.473	0.001	-0.001	-0.005	-0.010	0.000	-0.047	-0.002	0.011	0.010	-0.003	-0.011	-0.001	
		-0.023	0.000	0.002	-0.066	-0.001	0.001	0.004	0.038	0.037	0.005	-0.026	-0.002	0.013	0.012	-0.003	-0.012	
		0.000	-0.001	0.003	-1.481	0.000	0.000	-0.007	-0.021	0.011	-0.068	0.014	0.003	0.001	0.010	-0.002	-0.022	
64	33	0.058	0.001	0.000	-0.065	-0.002	0.001	-0.017	0.024	0.016	-0.025	-0.016	0.007	0.009	0.022	0.002	-0.009	
		0.000	0.001	0.001	-1.480	0.001	-0.001	-0.008	0.003	-0.006	-0.081	0.010	0.001	0.001	-0.002	-0.003	-0.012	
		Harmonics	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			0.018	-0.001	-0.005	-0.066	0.000	0.001	0.015	0.044	0.018	-0.020	-0.020	0.006	0.010	0.021	0.000	-0.022
			0.000	-0.002	-0.004	-1.475	-0.004	0.000	-0.027	0.001	0.009	-0.049	0.004	0.008	0.012	0.002	0.004	0.001
			0.030	0.000	0.000	-0.065	-0.001	0.002	-0.015	0.033	0.036	0.010	-0.015	-0.011	0.001	0.014	0.003	-0.003
			0.000	-0.004	-0.003	-1.478	-0.002	0.000	-0.014	-0.015	0.003	-0.080	0.021	0.010	-0.002	0.003	-0.003	-0.025
			-0.066	0.000	-0.001	-0.065	0.000	0.000	-0.012	0.038	0.022	-0.017	-0.008	0.002	0.004	0.008	0.004	-0.002
Harmonics	0.000	-0.001	-0.002	-1.473	-0.002	-0.001	-0.007	-0.013	0.002	-0.049	0.001	0.011	0.010	-0.003	-0.012	-0.004		
	-0.019	0.002	-0.002	-0.066	0.001	0.002	0.006	0.035	0.040	0.006	-0.024	-0.005	0.012	0.012	-0.001	-0.011		
	0.000	-0.003	-0.002	-1.482	-0.005	-0.001	-0.006	-0.024	0.010	-0.072	0.016	0.005	0.002	0.010	0.000	-0.025		
64	POINT	0.060	0.002	-0.004	-0.067	-0.002	0.002	-0.011	0.026	0.018	-0.026	-0.014	0.006	0.008	0.022	0.004	-0.010	
		0.000	0.001	-0.002	-1.481	-0.004	0.000	-0.009	0.003	-0.006	-0.083	0.006	0.004	0.002	-0.001	-0.002	-0.010	

RUN	POINT	Harmonics															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
64	43																
	FLAP1C_TS_COS	0.019	-0.001	0.005	-0.005	-0.001	0.000	0.002	0.000	-0.006	-0.001	-0.001	0.003	0.001	-0.002	0.001	0.000
	FLAP1C_TS_SIN	0.000	-0.004	0.005	0.003	0.001	0.003	-0.004	0.005	0.000	-0.001	-0.002	-0.001	0.002	-0.001	-0.001	0.001
	FLAP2C_TS_COS	0.025	-0.001	-0.001	-0.005	-0.002	0.002	-0.002	-0.004	0.001	-0.001	0.000	0.002	0.000	0.000	0.000	0.000
	FLAP2C_TS_SIN	0.000	0.003	0.003	0.000	0.001	0.002	0.003	-0.001	-0.001	0.002	-0.001	0.000	0.000	-0.001	0.000	0.000
	FLAP3C_TS_COS	-0.064	0.005	0.002	-0.003	-0.001	0.000	-0.001	-0.001	-0.001	-0.001	-0.002	0.001	0.002	0.000	0.000	0.000
	FLAP3C_TS_SIN	0.000	-0.002	0.004	-0.002	0.003	0.003	0.000	0.001	0.001	0.002	-0.001	-0.002	0.000	0.001	0.000	0.001
	FLAP4C_TS_COS	-0.017	-0.003	0.008	-0.005	0.000	0.001	0.001	0.003	-0.002	-0.007	0.002	0.004	-0.001	-0.002	-0.001	0.003
	FLAP4C_TS_SIN	0.000	-0.007	0.006	0.002	0.000	0.000	-0.002	0.002	0.007	-0.001	-0.005	0.001	0.002	0.000	-0.002	0.000
	FLAP5C_TS_COS	0.056	0.000	-0.002	-0.004	-0.003	-0.001	-0.002	0.000	0.000	-0.001	0.000	0.001	0.000	0.000	0.000	0.001
	FLAP5C_TS SIN	0.000	0.006	0.001	-0.002	0.002	0.002	-0.001	-0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000

## **APPENDIX B --- PRIMARY STATIC DATA**

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
58	61.52	4.05	0.149	0.715	5882.4	31323.1	1861.6	9861.0	-167.3	-258.0	4.95	1120.6	
24	5.14	-2.38	0.622	0.092	5911.8	29661.6	1789.1	9480.6	-154.8	-309.9	5.46	522.5	
	4.00	1.76	697.52	393.6	0.07618	195.7	2116.9	0.002351	3.7599E-07		0.001997	12.67	
58	61.56	3.95	0.149	0.715	5897.6	30270.2	1843.0	9926.3	-174.3	-251.0	5.09	1119.4	
18	5.14	-2.37	0.622	0.093	5927.0	28607.7	1772.3	9545.0	-161.8	-303.0	5.62	521.5	
	4.00	1.56	696.82	393.2	0.07636	188.9	2116.9	0.002356	3.7539E-07		0.001930	12.72	
58	61.60	3.95	0.149	0.716	5890.2	29763.3	1897.0	13253.8	-169.0	-219.3	5.02	1119.7	
19	5.13	-2.36	0.623	0.093	5919.7	28100.6	1826.8	12872.3	-156.5	-271.4	5.54	521.7	
	4.00	1.56	697.43	393.5	0.07617	185.9	2116.9	0.002355	3.7553E-07		0.001895	12.73	
52	61.97	3.97	0.150	0.717	5954.4	30185.7	3075.1	12460.7	-165.2	-226.2	5.05	1119.4	
18	5.13	-2.32	0.623	0.093	5983.9	28518.6	3013.3	12074.7	-152.9	-279.0	5.58	521.4	
	4.00	1.55	697.79	393.7	0.07704	188.7	2111.6	0.002351	3.7538E-07		0.001923	12.86	
52	62.00	3.90	0.150	0.716	5810.0	30419.1	743.9	10622.8	-159.4	-232.5	4.98	1119.1	
40	5.10	-2.42	0.623	0.093	5839.5	28751.6	682.9	10236.4	-147.1	-285.3	5.50	521.1	
	4.00	1.65	697.08	393.3	0.07529	189.9	2111.9	0.002352	3.7521E-07		0.001941	12.88	
52	62.02	3.97	0.150	0.717	5888.0	30905.5	2619.9	10649.2	-165.2	-236.6	4.97	1119.4	
21	5.11	-2.32	0.623	0.093	5917.5	29237.8	2559.2	10262.6	-152.8	-289.5	5.48	521.4	
	4.00	1.55	697.65	393.6	0.07620	193.1	2111.7	0.002351	3.7536E-07		0.001969	12.88	
52	62.04	3.90	0.150	0.717	5810.3	30383.4	1197.3	10080.4	-172.6	-247.2	5.04	1119.3	
23	5.10	-2.41	0.623	0.093	5839.8	28715.6	1136.9	9693.6	-160.3	-300.1	5.58	521.4	
	4.00	1.67	697.66	393.6	0.07519	189.9	2111.7	0.002352	3.7534E-07		0.001936	12.89	
52	62.06	3.89	0.150	0.716	5858.2	29978	16.3	10242.7	-155.0	-212.3	4.97	1122.3	
108	5.11	-2.43	0.623	0.093	5887.7	28311.5	-46.5	9857.3	-142.6	-264.9	5.49	524.1	
	4.00	1.64	698.87	394.3	0.07595	187.7	2111.7	0.002340	3.7689E-07		0.001914	12.83	

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT		THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND TSR Q
		LATA	LONGA	MTIP	OMR	MTUN	RPM	LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC	DRAGQH	CPOS	LOD_QS		
52	62.06	3.97	0.150	0.150	0.717	5879.2	30707.4	2516.1	12336.3	-166.6	-227.5							4.95		1119.4		
19	5.11	-2.32	0.623	0.623	0.093	5908.7	29039.5	2456.0	11949.5	-154.3	-280.4							5.47		521.5		
	4.00	1.55	697.75	697.75	393.7	0.07608	191.9	2111.7	0.002351	3.7539E-07								0.001957		12.90		
52	62.07	3.90	0.150	0.150	0.717	5780.7	30688.7	696.2	9686.7	-164.8	-244.4							4.98		1119.0		
36	5.09	-2.42	0.623	0.623	0.093	5810.2	29020.5	636.7	9299.5	-152.5	-297.3							5.50		521.0		
	4.00	1.66	697.24	697.24	393.4	0.07486	191.7	2111.7	0.002353	3.7514E-07								0.001957		12.91		
52	62.08	3.90	0.150	0.150	0.717	5859.6	30227.8	367.5	10865.3	-165.3	-224.9							5.00		1119.6		
47	5.11	-2.43	0.623	0.623	0.093	5889.1	28559.8	307.7	10478.3	-153.0	-277.8							5.52		521.6		
	4.00	1.65	697.70	697.70	393.7	0.07585	188.9	2112.2	0.002351	3.7546E-07								0.001927		12.90		
52	62.08	3.89	0.150	0.150	0.716	5784.5	30457.9	-201.3	11286.7	-153.1	-206.7							4.84		1122.7		
119	5.10	-2.43	0.623	0.623	0.093	5813.9	28791.4	-264.1	10901.2	-140.7	-259.3							5.34		524.5		
	4.00	1.63	699.46	699.46	394.6	0.07490	190.8	2111.7	0.002338	3.7708E-07								0.001942		12.83		
52	62.08	3.90	0.150	0.150	0.716	5770.8	30698.2	439.3	9535.8	-161.4	-237.8							4.94		1119.2		
41	5.09	-2.43	0.623	0.623	0.093	5800.3	29030	379.7	9148.5	-149.1	-290.7							5.46		521.3		
	4.00	1.65	697.10	697.10	393.3	0.07480	191.7	2112.0	0.002352	3.7528E-07								0.001959		12.91		
52	62.09	3.89	0.150	0.150	0.716	5809.4	30678.8	68.5	9182.7	-158.5	-227.5							4.92		1120.9		
56	5.10	-2.43	0.623	0.623	0.093	5838.9	29011.3	7.6	8796.1	-146.2	-280.3							5.43		522.8		
	4.00	1.65	697.85	697.85	393.7	0.07532	191.8	2112.0	0.002346	3.7614E-07								0.001958		12.88		
52	62.09	3.90	0.150	0.150	0.717	5844.0	30285.5	992.3	9722.4	-170.2	-246.9							5.08		1119.3		
27	5.10	-2.42	0.623	0.623	0.093	5873.5	28617.2	932.8	9335.2	-157.9	-299.8							5.62		521.3		
	4.00	1.67	697.52	697.52	393.5	0.07565	189.2	2111.8	0.002352	3.7529E-07								0.001930		12.91		
52	62.09	3.89	0.150	0.150	0.716	5842.3	30083.9	135.8	10604.9	-152.7	-210.3							4.94		1122.4		
114	5.11	-2.43	0.623	0.623	0.093	5871.8	28417.1	73.5	10219.1	-140.4	-263.0							5.45		524.2		
	4.00	1.63	698.92	698.92	394.3	0.07573	188.3	2111.7	0.002340	3.7692E-07								0.001920		12.85		

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
52	62.10	3.97	0.150	0.717	5968.8	30136.9	2825.7	11938.8	-166.1	-227.6	5.08	1119.4	
20	5.13	-2.32	0.623	0.093	5998.3	28468.7	2766.2	11551.5	-153.8	-280.5	5.62	521.4	
	4.00	1.55	697.73	393.7	0.07724	188.3	2111.7	0.002351	3.7538E-07		0.001920	12.91	
52	62.10	3.86	0.150	0.717	5744.7	30422.4	1135.6	10556.7	-171.3	-245.3	5.00	1119.4	
22	5.09	-2.41	0.623	0.093	5774.2	28754.1	1076.2	10169.4	-159.0	-298.2	5.53	521.4	
	4.00	1.66	697.64	393.6	0.07436	190.1	2111.7	0.002351	3.7537E-07		0.001939	12.91	
52	62.11	3.90	0.150	0.716	5846.0	29973.8	754.1	11624.2	-153.9	-215.7	4.99	1120.8	
54	5.11	-2.43	0.623	0.093	5875.4	28306	693.7	11237.4	-141.6	-268.5	5.51	522.7	
	4.00	1.64	697.88	393.8	0.07578	187.4	2112.1	0.002346	3.7610E-07		0.001913	12.89	
52	62.11	3.90	0.150	0.717	5829.7	30307.6	1089.9	10196.3	-168.8	-244.0	5.06	1119.3	
28	5.10	-2.42	0.623	0.093	5859.2	28639.1	1030.8	9808.8	-156.4	-297.0	5.60	521.3	
	4.00	1.67	697.50	393.5	0.07546	189.4	2111.8	0.002352	3.7530E-07		0.001931	12.92	
52	62.11	3.89	0.150	0.716	5824.2	30283.5	165.1	10550.3	-157.2	-219.7	4.95	1120.9	
55	5.10	-2.43	0.623	0.093	5853.7	28615.7	104.6	10163.5	-144.8	-272.5	5.47	522.8	
	4.00	1.65	697.91	393.8	0.07549	189.3	2112.0	0.002346	3.7614E-07		0.001933	12.89	
52	62.11	3.90	0.150	0.717	5846.1	30460	682.1	9667.5	-163.0	-233.4	5.00	1119.8	
49	5.10	-2.43	0.623	0.093	5875.6	28791.8	622.6	9280.2	-150.6	-286.3	5.52	521.7	
	4.00	1.65	697.69	393.6	0.07570	190.4	2112.1	0.002350	3.7555E-07		0.001942	12.91	
52	62.11	3.90	0.150	0.717	5857.0	30115.3	849.7	10403.0	-162.5	-238.0	5.07	1119.0	
33	5.10	-2.42	0.623	0.094	5886.5	28446.7	790.9	10015.4	-150.2	-291.0	5.62	521.1	
	4.00	1.66	697.35	393.5	0.07582	188.1	2111.9	0.002353	3.7518E-07		0.001920	12.93	
52	62.12	3.90	0.150	0.716	5840.4	30419.4	191.5	11379.8	-154.8	-206.8	4.89	1121.2	
86	5.11	-2.43	0.623	0.093	5869.9	28751.8	130.8	10993.2	-142.5	-259.6	5.39	523.1	
	4.00	1.63	698.18	393.9	0.07570	190.2	2111.9	0.002345	3.7632E-07		0.001941	12.88	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND	
											LOD_QS	CPOS		Q
52	62.12	3.90	0.150	0.717	5768.4	30707.1	972.4	10286.1	-171.6	-245.4	4.97	1119.3		
24	5.09	-2.41	0.623	0.094	5797.9	29038.7	913.3	9898.7	-159.3	-298.3	5.50	521.4		
	4.00	1.67	697.58	393.6	0.07467	191.9	2111.7	0.002351	3.7533E-07		0.001957	12.92		
52	62.12	3.90	0.150	0.717	5767.4	30739.5	999.8	10437.1	-167.4	-241.1	4.95	1119.2		
30	5.09	-2.42	0.623	0.094	5796.9	29070.9	940.9	10049.5	-155.1	-294.1	5.47	521.2		
	4.00	1.67	697.46	393.5	0.07465	192.1	2111.8	0.002352	3.7526E-07		0.001959	12.93		
52	62.13	3.90	0.150	0.717	5756.0	31053.5	757.6	9101.9	-168.6	-250.6	4.94	1119.1		
31	5.09	-2.42	0.623	0.094	5785.5	29384.8	699.0	8714.1	-156.3	-303.6	5.46	521.1		
	4.00	1.67	697.46	393.5	0.07450	194.0	2111.8	0.002353	3.7520E-07		0.001979	12.93		
52	62.13	3.89	0.150	0.716	5803.5	30396.8	-307.1	10124.9	-155.8	-213.1	4.89	1122.3		
112	5.10	-2.43	0.623	0.093	5833.0	28729.7	-368.6	9738.8	-143.5	-265.9	5.40	524.1		
	4.00	1.63	698.94	394.3	0.07521	190.3	2111.6	0.002340	3.7687E-07		0.001940	12.86		
52	62.14	3.90	0.150	0.716	5801.2	30641.8	100.3	10585.8	-162.3	-228.5	4.93	1119.3		
43	5.09	-2.43	0.623	0.094	5830.7	28973	41.7	10198.1	-150.0	-281.5	5.45	521.3		
	4.00	1.65	697.11	393.3	0.07519	191.3	2112.1	0.002352	3.7530E-07		0.001955	12.93		
52	62.14	3.90	0.150	0.716	5827.4	30264.7	1015.9	10203.8	-153.4	-228.4	5.00	1120.0		
52	5.10	-2.43	0.623	0.093	5856.9	28596.3	956.7	9816.5	-141.1	-281.3	5.52	522.0		
	4.00	1.65	697.68	393.6	0.07550	189.1	2112.2	0.002349	3.7567E-07		0.001931	12.92		
52	62.14	3.89	0.150	0.716	5787.0	30512.7	-357.0	10103.1	-154.4	-207.1	4.84	1122.2		
106	5.10	-2.41	0.623	0.093	5816.5	28845.4	-418.2	9716.8	-142.1	-259.9	5.34	524.0		
	4.00	1.65	698.86	394.3	0.07501	191.0	2111.8	0.002340	3.7684E-07		0.001947	12.87		
52	62.14	3.89	0.150	0.716	5800.6	30634.5	-311.8	9654.7	-156.8	-217.1	4.87	1121.9		
102	5.10	-2.44	0.623	0.093	5830.1	28967.1	-372.8	9268.3	-144.5	-269.8	5.38	523.8		
	4.00	1.64	698.91	394.3	0.07514	191.8	2111.6	0.002341	3.7669E-07		0.001954	12.88		

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT	THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND
		LATA	LONGA	MTIP	OMR		LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC	DRAGQH	DRAGQH	LOD_QS	CPOS	
52	62.14	3.89		0.150		0.716	5804.3		30845.3		302.5		9239.3		-153.3		-229.0		4.90		1121.0
64	5.10	-2.43		0.623		0.093	5833.8		29177.2		242.6		8852.3		-141.0		-281.9		5.41		522.9
	4.00	1.65		698.34		394.0	0.07516		192.9		2111.9		0.002346		3.7620E-07				0.001967		12.90
52	62.14	3.90		0.150		0.716	5750.1		30776.7		578.5		10558.2		-152.5		-224.5		4.86		1120.8
53	5.09	-2.43		0.623		0.093	5779.6		29108.6		518.7		10171.1		-140.2		-277.4		5.37		522.8
	4.00	1.64		697.94		393.8	0.07453		192.4		2112.2		0.002346		3.7612E-07				0.001964		12.91
52	62.15	3.89		0.150		0.716	5754.8		30987.3		-287.2		9960.7		-160.3		-222.1		4.83		1120.9
57	5.09	-2.43		0.623		0.093	5784.3		29319.2		-346.9		9573.6		-148.0		-275.0		5.33		522.8
	4.00	1.65		697.87		393.7	0.07460		193.7		2112.1		0.002346		3.7614E-07				0.001978		12.91
52	62.15	3.90		0.150		0.716	5807.7		30639.6		1023.6		9314.8		-159.3		-236.7		4.97		1119.9
51	5.10	-2.43		0.623		0.094	5837.2		28971		964.7		8927.2		-147.0		-289.7		5.49		521.8
	4.00	1.66		697.63		393.6	0.07524		191.4		2112.2		0.002350		3.7561E-07				0.001954		12.93
52	62.15	3.90		0.150		0.717	5733.9		30808.1		509.3		10976.1		-163.8		-234.9		4.90		1119.0
38	5.08	-2.42		0.623		0.094	5763.4		29139.2		451.2		10588.1		-151.5		-287.9		5.41		521.0
	4.00	1.66		697.20		393.4	0.07429		192.4		2111.6		0.002353		3.7516E-07				0.001965		12.94
52	62.16	3.90		0.150		0.717	5744.8		31125.7		513.4		8762.7		-166.3		-253.9		4.94		1119.0
34	5.08	-2.42		0.623		0.094	5774.3		29456.6		455.5		8374.6		-154.0		-306.9		5.46		521.0
	4.00	1.66		697.42		393.5	0.07435		194.4		2111.8		0.002353		3.7514E-07				0.001983		12.95
52	62.16	3.89		0.150		0.716	5792.1		30252.1		-27.1		11130.8		-153.7		-207.5		4.88		1122.3
110	5.10	-2.43		0.623		0.093	5821.6		28584.6		-88.1		10744.4		-141.4		-260.3		5.39		524.1
	4.00	1.64		698.84		394.3	0.07508		189.4		2111.7		0.002340		3.7688E-07				0.001931		12.88
52	62.17	3.89		0.150		0.716	5842.3		30118.5		-2.4		10916.6		-156.6		-212.8		4.95		1121.1
81	5.10	-2.43		0.623		0.093	5871.8		28450.3		-62.1		10529.4		-144.3		-265.6		5.47		523.0
	4.00	1.64		698.27		394.0	0.07569		188.4		2111.9		0.002345		3.7625E-07				0.001921		12.91

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT	THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH	LOD_RS		CSND
		LATA	LONGA	MTIP	OMR	MTUN	LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC		LOD_QS	CPOS	
52	62.17	3.89		0.150		0.716	5743.1		31228.1		-363.6		9041.6		-158.6		-228.8	4.82		1121.0
78	5.09	-2.44		0.623		0.093	5772.6		29559.8		-423.2		8654.3		-146.3		-281.7	5.31		522.9
	4.00	1.63		698.14		393.9	0.07441		195.3		2111.9		0.002346		3.7619E-07			0.001992		12.91
52	62.17	3.89		0.150		0.716	5794.9		30591.2		133.6		9607.6		-157.9		-226.9	4.92		1120.9
68	5.09	-2.43		0.623		0.093	5824.4		28922.9		74.2		9220.3		-145.6		-279.8	5.44		522.9
	4.00	1.63		698.36		394.0	0.07502		191.4		2112.2		0.002346		3.7617E-07			0.001950		12.91
52	62.17	3.90		0.151		0.717	5818.6		30331.8		654.7		10187.5		-163.2		-235.7	5.02		1119.1
39	5.10	-2.42		0.623		0.094	5848.1		28662.8		596.8		9799.4		-150.9		-288.8	5.55		521.1
	4.00	1.65		697.13		393.3	0.07539		189.4		2111.8		0.002352		3.7519E-07			0.001935		12.95
52	62.17	3.90		0.150		0.716	5700.0		31137.9		1481.3		9510.1		-144.5		-222.7	4.78		1121.4
96	5.08	-2.43		0.623		0.093	5729.5		29469.9		1421.2		9123.2		-132.2		-275.6	5.27		523.3
	4.00	1.63		698.51		394.1	0.07386		194.8		2111.7		0.002343		3.7643E-07			0.001987		12.90
52	62.17	3.90		0.150		0.717	5788.4		30524.2		651.1		10397.5		-165.8		-239.1	4.99		1118.9
37	5.09	-2.42		0.623		0.094	5817.9		28855		593.4		10009.3		-153.5		-292.2	5.52		521.0
	4.00	1.66		697.27		393.4	0.07495		190.6		2111.6		0.002353		3.7512E-07			0.001946		12.95
52	62.18	3.89		0.150		0.716	5775.7		30895		-898.0		8487.9		-162.2		-233.5	4.90		1121.3
92	5.09	-2.43		0.623		0.093	5805.2		29226.8		-957.7		8100.7		-149.9		-286.4	5.41		523.2
	4.00	1.63		698.21		393.9	0.07488		193.2		2111.8		0.002344		3.7637E-07			0.001972		12.91
52	62.18	3.90		0.150		0.716	5865.5		30339.8		-1314.5		10571.5		-165.1		-213.7	4.94		1121.6
98	5.11	-2.43		0.623		0.093	5895.0		28671.8		-1374.5		10184.5		-152.8		-266.6	5.45		523.5
	4.00	1.63		698.69		394.2	0.07598		189.9		2111.7		0.002343		3.7652E-07			0.001935		12.90
52	62.18	3.98		0.150		0.716	5887.2		30899.2		351.7		9853.6		-153.4		-215.3	4.88		1123.1
128	5.12	-2.43		0.623		0.093	5916.7		29231.9		290.3		9467.4		-141.1		-268.0	5.38		524.9
	4.00	1.62		699.25		394.5	0.07635		193.5		2111.5		0.002337		3.7731E-07			0.001973		12.87

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
52 100	62.18	3.89	0.150	0.716	5834.9	30343.6	-149.2	10157.3	-157.0	-212.2	4.92	1121.8	
	5.10	-2.43	0.623	0.093	5864.4	28675.6	-209.3	9770.4	-144.7	-265.1	5.42	523.6	
	4.00	1.64	698.91	394.3	0.07556	190.0	2111.7	0.002342	3.7660E-07		0.001935	12.90	
52 42	62.18	3.90	0.151	0.716	5818.0	30451.8	599.3	10178.3	-159.9	-232.2	4.99	1119.2	
	5.10	-2.43	0.623	0.094	5847.5	28782.6	541.6	9790.1	-147.6	-285.3	5.51	521.3	
	4.00	1.65	697.05	393.3	0.07542	190.1	2112.0	0.002352	3.7528E-07		0.001944	12.95	
52 97	62.19	3.90	0.150	0.716	5791.8	30405.8	96.4	10924.0	-154.6	-213.2	4.89	1121.5	
	5.09	-2.43	0.623	0.093	5821.3	28737.7	36.5	10536.9	-142.3	-266.1	5.40	523.4	
	4.00	1.63	698.69	394.2	0.07502	190.3	2111.7	0.002343	3.7649E-07		0.001939	12.90	
52 50	62.19	3.90	0.150	0.717	5875.8	30122	1237.2	9551.7	-160.3	-233.8	5.07	1119.8	
	5.11	-2.43	0.623	0.094	5905.3	28453.1	1179.0	9163.7	-148.0	-286.8	5.61	521.8	
	4.00	1.65	697.66	393.6	0.07605	188.3	2112.2	0.002350	3.7559E-07		0.001920	12.94	
52 111	62.19	3.89	0.150	0.716	5808.5	30526.8	-289.9	9197.2	-156.3	-219.2	4.91	1122.3	
	5.10	-2.43	0.623	0.093	5838.0	28859	-350.3	8810.4	-144.0	-272.0	5.41	524.1	
	4.00	1.63	698.92	394.3	0.07528	191.1	2111.7	0.002340	3.7685E-07		0.001948	12.89	
52 76	62.19	3.89	0.150	0.717	5843.2	30619.4	297.8	8605.1	-157.6	-229.1	4.96	1120.8	
	5.10	-2.43	0.623	0.094	5872.7	28950.8	239.0	8217.6	-145.3	-282.1	5.47	522.7	
	4.00	1.64	698.30	394.0	0.07566	191.5	2112.0	0.002346	3.7611E-07		0.001952	12.93	
52 93	62.19	3.89	0.150	0.716	5721.3	30960.1	-183.3	8923.5	-155.9	-231.6	4.85	1121.5	
	5.08	-2.43	0.623	0.093	5750.8	29292	-243.0	8536.4	-143.6	-284.5	5.36	523.4	
	4.00	1.63	698.25	394.0	0.07420	193.6	2111.8	0.002343	3.7647E-07		0.001977	12.91	
52 126	62.19	3.98	0.150	0.716	5874.3	30763.7	405.7	11037.2	-151.8	-208.1	4.86	1123.1	
	5.11	-2.43	0.622	0.093	5903.8	29096.3	344.5	10650.9	-139.5	-260.9	5.36	524.9	
	4.00	1.62	699.12	394.4	0.07620	192.6	2111.5	0.002337	3.7731E-07		0.001965	12.87	

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT	THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND
		LATA	LONGA	MTIP	OMR		LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC	DRAGQH	DRAGQH	LOD_QS	CPOS	
52	62.20	3.90		0.150		0.716	5806.0		30646.2		-727.7		11343.6		-161.1		-207.9		4.85		1121.2
88	5.10	-2.43		0.623		0.093	5835.5		28977.8		-786.9		10956.2		-148.8		-260.8		5.34		523.1
	4.00	1.63		698.11		393.9	0.07527		191.6		2111.9		0.002345		3.7629E-07				0.001956		12.92
52	62.20	3.90		0.151		0.717	5753.1		30950		830.9		9306.4		-170.9		-253.2		4.97		1119.3
25	5.08	-2.41		0.623		0.094	5782.6		29280.8		773.3		8918.1		-158.7		-306.2		5.50		521.4
	4.00	1.67		697.48		393.5	0.07450		193.4		2111.6		0.002351		3.7534E-07				0.001973		12.96
52	62.20	3.89		0.150		0.716	5781.0		30878.5		150.4		8581.8		-154.1		-232.5		4.90		1120.9
63	5.09	-2.43		0.623		0.094	5810.5		29209.9		91.6		8194.2		-141.8		-285.4		5.42		522.8
	4.00	1.65		697.88		393.8	0.07494		193.0		2112.1		0.002346		3.7615E-07				0.001971		12.93
52	62.20	3.89		0.150		0.716	5767.1		30832.3		4.2		10333.7		-158.9		-219.2		4.85		1121.0
58	5.09	-2.43		0.623		0.094	5796.6		29163.7		-54.7		9946.1		-146.6		-272.1		5.35		522.9
	4.00	1.64		697.81		393.7	0.07479		192.7		2112.1		0.002346		3.7618E-07				0.001969		12.93
52	62.20	3.98		0.150		0.716	5794.2		31607.9		-5.8		9652.1		-152.4		-217.4		4.75		1123.2
130	5.10	-2.43		0.622		0.093	5823.6		29940.5		-66.8		9265.8		-140.0		-270.2		5.23		525.0
	4.00	1.62		699.14		394.5	0.07517		197.9		2111.6		0.002336		3.7737E-07				0.002019		12.88
52	62.21	3.90		0.151		0.716	5852.0		30280.5		-67.4		10758.7		-166.6		-225.7		5.00		1119.5
46	5.10	-2.43		0.623		0.094	5881.5		28611.2		-125.0		10370.4		-154.3		-278.8		5.53		521.5
	4.00	1.65		697.09		393.3	0.07588		189.1		2112.2		0.002351		3.7543E-07				0.001933		12.96
52	62.21	3.98		0.150		0.716	5867.5		31045.4		229.3		9457.7		-153.5		-217.8		4.86		1123.2
129	5.11	-2.43		0.622		0.093	5897.0		29377.9		168.3		9071.3		-141.2		-270.6		5.36		525.0
	4.00	1.62		699.15		394.5	0.07612		194.4		2111.5		0.002336		3.7734E-07				0.001983		12.88
52	62.21	3.98		0.150		0.716	5829.7		31362.9		78.6		9250.1		-154.1		-219.3		4.81		1123.4
135	5.10	-2.43		0.622		0.093	5859.2		29695.5		17.5		8863.7		-141.8		-272.1		5.29		525.2
	4.00	1.62		698.98		394.4	0.07569		196.4		2111.6		0.002336		3.7745E-07				0.002005		12.88

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
52	62.22	3.90	0.151	0.717	5814.1	30490.9	611.1	9890.0	-167.7	-244.5	5.03	1119.0	
35	5.09	-2.42	0.623	0.094	5843.6	28821.3	554.2	9501.4	-155.4	-297.6	5.57	521.0	
	4.00	1.66	697.40	393.5	0.07524	190.5	2111.7	0.002353	3.7515E-07		0.001943	12.97	
52	62.22	3.89	0.150	0.716	5773.3	30527.7	-348.1	10876.0	-154.7	-208.8	4.84	1122.4	
113	5.09	-2.43	0.623	0.093	5802.8	28859.7	-408.1	10489.1	-142.4	-261.6	5.34	524.2	
	4.00	1.63	698.87	394.3	0.07485	191.1	2111.7	0.002340	3.7693E-07		0.001949	12.90	
52	62.22	3.90	0.151	0.717	5784.9	30587.2	826.1	10230.2	-167.6	-240.5	4.99	1119.2	
32	5.09	-2.42	0.623	0.094	5814.5	28917.7	769.1	9841.6	-155.4	-293.6	5.52	521.2	
	4.00	1.66	697.27	393.4	0.07491	191.0	2111.8	0.002352	3.7525E-07		0.001950	12.97	
52	62.22	3.90	0.151	0.717	5832.2	30437.3	859.7	9544.0	-171.0	-246.9	5.06	1119.2	
29	5.10	-2.42	0.623	0.094	5861.7	28767.8	802.6	9155.5	-158.8	-300.0	5.60	521.2	
	4.00	1.67	697.45	393.5	0.07550	190.1	2111.8	0.002352	3.7525E-07		0.001940	12.97	
52	62.22	3.89	0.150	0.716	5812.6	30250.4	202.2	11429.1	-155.2	-212.9	4.92	1121.1	
67	5.10	-2.43	0.623	0.094	5842.1	28581.7	143.6	11041.4	-142.9	-265.9	5.44	523.0	
	4.00	1.65	698.34	394.0	0.07527	189.2	2112.1	0.002346	3.7623E-07		0.001929	12.93	
52	62.23	3.89	0.150	0.716	5811.4	30268.8	-140.8	10621.5	-155.3	-210.9	4.91	1122.3	
109	5.10	-2.43	0.623	0.093	5840.8	28600.7	-200.5	10234.4	-143.0	-263.8	5.42	524.1	
	4.00	1.64	699.00	394.4	0.07530	189.5	2111.7	0.002340	3.7686E-07		0.001931	12.91	
52	62.23	3.89	0.150	0.717	5759.7	31351.2	-62.0	9464.1	-158.2	-222.1	4.79	1120.9	
74	5.09	-2.43	0.623	0.094	5789.2	29682.3	-120.3	9076.2	-145.9	-275.1	5.28	522.8	
	4.00	1.64	698.32	394.0	0.07457	196.1	2112.1	0.002346	3.7613E-07		0.001999	12.94	
52	62.23	3.90	0.150	0.716	5819.4	30496.4	-20.0	9737.6	-157.8	-218.3	4.92	1121.7	
99	5.10	-2.43	0.623	0.093	5848.9	28828	-79.2	9350.3	-145.5	-271.3	5.43	523.6	
	4.00	1.63	698.44	394.1	0.07545	190.8	2111.6	0.002342	3.7657E-07		0.001947	12.92	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
52	62.23	3.89	0.150	0.717	5838.2	30468	-132.9	10100.5	-158.0	-220.4	4.94	1121.0	
69	5.10	-2.43	0.623	0.094	5867.7	28799.2	-191.2	9712.6	-145.7	-273.4	5.45	522.9	
	4.00	1.63	698.40	394.0	0.07559	190.6	2112.1	0.002346	3.7620E-07		0.001942	12.94	
52	62.23	3.89	0.150	0.716	5806.8	30341.7	-54.0	10091.3	-154.0	-215.7	4.92	1122.2	
107	5.10	-2.43	0.623	0.093	5836.3	28673.4	-113.6	9704.1	-141.7	-268.6	5.43	524.0	
	4.00	1.63	698.89	394.3	0.07526	189.9	2111.7	0.002340	3.7683E-07		0.001936	12.91	
52	62.23	3.89	0.150	0.716	5769.2	30691.4	-155.7	10149.1	-155.1	-218.7	4.86	1122.1	
105	5.09	-2.43	0.623	0.093	5798.7	29023.1	-215.3	9761.9	-142.8	-271.6	5.37	523.9	
	4.00	1.63	698.99	394.4	0.07474	192.2	2111.7	0.002341	3.7678E-07		0.001958	12.91	
52	62.24	3.90	0.151	0.717	5778.1	30581.5	995.2	10465.1	-170.5	-243.2	4.99	1119.3	
26	5.09	-2.41	0.623	0.094	5807.6	28911.8	938.4	10076.4	-158.2	-296.3	5.53	521.3	
	4.00	1.67	697.61	393.6	0.07477	191.1	2111.8	0.002352	3.7532E-07		0.001948	12.97	
52	62.24	3.90	0.150	0.716	5788.4	30812.8	1264.6	8478.6	-148.8	-229.9	4.91	1121.2	
84	5.09	-2.43	0.623	0.094	5817.9	29144	1206.2	8090.8	-136.5	-282.9	5.42	523.1	
	4.00	1.63	698.16	393.9	0.07502	192.7	2111.9	0.002345	3.7629E-07		0.001966	12.94	
52	62.24	3.89	0.150	0.716	5836.1	30006.1	-117.9	10748.1	-154.6	-208.2	4.95	1122.5	
115	5.10	-2.43	0.623	0.093	5865.6	28338	-177.6	10360.9	-142.3	-261.1	5.46	524.3	
	4.00	1.63	698.80	394.3	0.07569	187.8	2111.7	0.002339	3.7697E-07		0.001916	12.91	
52	62.24	3.89	0.150	0.716	5743.7	30939.8	-248.2	9917.5	-156.4	-221.5	4.83	1121.1	
80	5.08	-2.43	0.623	0.094	5773.2	29270.9	-306.5	9529.6	-144.1	-274.5	5.33	523.0	
	4.00	1.64	698.15	393.9	0.07443	193.5	2111.9	0.002345	3.7624E-07		0.001974	12.94	
52	62.25	3.89	0.150	0.716	5788.0	30617	-147.8	9543.4	-153.7	-219.9	4.89	1123.1	
124	5.09	-2.43	0.623	0.093	5817.5	28949.1	-208.0	9156.5	-141.4	-272.7	5.39	524.8	
	4.00	1.62	699.36	394.6	0.07501	191.8	2111.6	0.002337	3.7727E-07		0.001954	12.90	

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT	THRUST		TORQ		ROLLRH		PITCHRH		SIDERH	DRAGRH		LOD_RS		CSND
		LATA	LONGA	MTIP	OMR		LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO		SIDEQH	DRAGQH	LOD_QS	CPOS	
52 87	62.25	3.90		0.150		0.716	5876.8		29816		1141.9		12192.9		-150.0	-200.5		4.97		1121.2
	5.11	-2.43		0.623		0.094	5906.3		28147.1		1083.6		11805.0		-137.7	-253.5		5.48		523.1
	4.00	1.63		698.30		394.0	0.07615		186.5		2111.9		0.002345		3.7632E-07			0.001902		12.94
52 60	62.25	3.89		0.151		0.716	5778.9		30855.9		60.6		10097.0		-158.2	-222.3		4.87		1120.9
	5.09	-2.43		0.623		0.094	5808.4		29186.8		2.5		9709.1		-145.9	-275.3		5.37		522.8
	4.00	1.64		697.82		393.7	0.07492		192.9		2112.1		0.002346		3.7617E-07			0.001970		12.95
52 116	62.25	3.89		0.150		0.716	5789.2		30489.7		-336.4		10064.9		-155.1	-213.1		4.88		1122.6
	5.09	-2.43		0.623		0.093	5818.7		28821.4		-396.0		9677.7		-142.8	-266.0		5.38		524.4
	4.00	1.63		698.84		394.3	0.07508		190.9		2111.8		0.002339		3.7702E-07			0.001947		12.91
52 104	62.25	3.89		0.150		0.716	5855.8		30334.1		-350.6		10166.7		-159.2	-217.1		4.95		1122.1
	5.11	-2.44		0.623		0.093	5885.3		28665.7		-409.7		9779.3		-146.9	-270.0		5.47		523.9
	4.00	1.63		698.87		394.3	0.07588		189.9		2111.7		0.002341		3.7675E-07			0.001935		12.92
52 103	62.25	3.89		0.150		0.716	5749.1		30898		-412.6		10109.3		-155.2	-215.9		4.81		1121.9
	5.09	-2.44		0.623		0.094	5778.6		29229.5		-471.6		9721.8		-142.9	-268.8		5.31		523.8
	4.00	1.64		698.94		394.3	0.07447		193.4		2111.6		0.002341		3.7669E-07			0.001971		12.92
52 82	62.25	3.89		0.150		0.716	5710.6		31347.9		-471.3		9649.0		-155.7	-222.3		4.76		1121.2
	5.08	-2.43		0.623		0.094	5740.1		29678.9		-529.5		9261.0		-143.4	-275.3		5.25		523.0
	4.00	1.63		698.26		394.0	0.07400		196.1		2111.9		0.002345		3.7628E-07			0.002000		12.94
52 101	62.26	3.89		0.150		0.717	5842.2		30306.9		-228.8		10789.3		-159.5	-212.6		4.93		1121.9
	5.10	-2.43		0.623		0.094	5871.7		28638.3		-287.6		10401.7		-147.2	-265.5		5.44		523.7
	4.00	1.63		699.02		394.4	0.07564		189.8		2111.6		0.002342		3.7666E-07			0.001932		12.93
52 90	62.26	3.90		0.151		0.716	5842.9		30417.6		-1471.4		10887.5		-167.0	-213.2		4.92		1121.2
	5.10	-2.43		0.623		0.094	5872.5		28748.7		-1529.6		10499.6		-154.7	-266.3		5.43		523.1
	4.00	1.63		698.10		393.9	0.07576		190.2		2111.8		0.002344		3.7632E-07			0.001942		12.94

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
52	62.26	3.90	0.150	0.717	5816.0	30831.1	-199.4	9929.5	-158.6	-220.6	4.88	1120.9	
70	5.10	-2.43	0.623	0.094	5845.5	29161.9	-257.1	9541.3	-146.3	-273.7	5.39	522.8	
	4.00	1.63	698.35	394.0	0.07529	192.9	2112.1	0.002346	3.7614E-07		0.001965	12.96	
52	62.27	3.89	0.151	0.716	5682.1	31016.6	1327.9	9263.2	-146.1	-225.9	4.81	1121.5	
95	5.07	-2.43	0.623	0.094	5711.6	29347.7	1269.6	8875.3	-133.8	-278.9	5.31	523.4	
	4.00	1.63	698.22	393.9	0.07369	194.0	2111.7	0.002343	3.7646E-07		0.001981	12.94	
52	62.27	3.89	0.151	0.717	5850.6	30799.1	-78.7	9335.9	-160.6	-222.8	4.92	1121.0	
72	5.10	-2.43	0.623	0.094	5880.1	29129.8	-136.3	8947.7	-148.3	-275.9	5.42	522.9	
	4.00	1.63	698.27	394.0	0.07577	192.6	2112.1	0.002346	3.7618E-07		0.001964	12.96	
52	62.27	3.89	0.151	0.716	5683.7	31206.4	517.4	8331.7	-150.3	-233.7	4.82	1121.4	
94	5.07	-2.43	0.623	0.094	5713.2	29537.4	459.3	7943.7	-138.0	-286.7	5.32	523.2	
	4.00	1.63	698.17	393.9	0.07370	195.2	2111.7	0.002344	3.7639E-07		0.001992	12.95	
52	62.27	3.90	0.151	0.716	5840.7	30508.8	786.2	9474.0	-152.0	-220.1	4.94	1121.2	
85	5.10	-2.43	0.623	0.094	5870.2	28839.7	728.4	9085.8	-139.7	-273.2	5.45	523.1	
	4.00	1.63	698.19	393.9	0.07570	190.8	2111.9	0.002345	3.7629E-07		0.001947	12.95	
52	62.28	3.89	0.151	0.717	5881.5	29985.8	376.6	10196.3	-155.9	-221.4	5.04	1121.0	
66	5.11	-2.43	0.623	0.094	5911.0	28316.6	319.0	9808.0	-143.6	-274.5	5.57	522.9	
	4.00	1.64	698.36	394.0	0.07616	187.6	2112.1	0.002346	3.7622E-07		0.001912	12.96	
52	62.28	3.89	0.150	0.716	5840.0	30078.4	-118.3	10745.9	-154.3	-207.7	4.94	1123.0	
123	5.10	-2.43	0.623	0.093	5869.5	28410.2	-177.8	10358.7	-141.9	-260.6	5.45	524.8	
	4.00	1.63	699.42	394.6	0.07566	188.4	2111.7	0.002337	3.7724E-07		0.001919	12.91	
52	62.28	3.90	0.150	0.717	5751.9	31320.1	-158.8	10180.2	-156.7	-219.1	4.78	1121.0	
71	5.08	-2.43	0.623	0.094	5781.4	29650.8	-216.3	9791.8	-144.4	-272.2	5.26	522.9	
	4.00	1.63	698.47	394.1	0.07445	195.9	2112.1	0.002346	3.7619E-07		0.001996	12.96	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS LOD_QS CPOS	CSND TSR Q
52	62.28	3.98	0.150	0.716	5986.4	29836.7	688.1	11654.0	-153.6	-201.2	5.03	1123.4
134	5.13	-2.43	0.622	0.093	6015.9	28168.6	628.3	11267.0	-141.3	-254.1	5.54	525.1
	4.00	1.62	699.14	394.5	0.07767	186.8	2111.8	0.002336	3.7743E-07		0.001906	12.90
52	62.29	3.98	0.150	0.716	5940.0	30428.1	601.5	10275.1	-152.4	-211.9	4.96	1123.1
127	5.12	-2.43	0.623	0.093	5969.5	28759.9	542.1	9887.9	-140.1	-264.8	5.47	524.9
	4.00	1.62	699.25	394.5	0.07702	190.6	2111.6	0.002337	3.7731E-07		0.001943	12.91
52	62.29	3.90	0.151	0.716	5779.1	30629.1	1621.9	8995.7	-146.5	-226.5	4.92	1121.2
83	5.09	-2.43	0.623	0.094	5808.6	28959.8	1564.5	8607.4	-134.2	-279.6	5.43	523.1
	4.00	1.63	698.20	393.9	0.07490	191.6	2111.8	0.002345	3.7629E-07		0.001955	12.96
52	62.30	3.89	0.151	0.717	5806.5	31130.2	-277.3	8060.2	-161.2	-231.9	4.89	1120.9
75	5.09	-2.43	0.623	0.094	5836.1	29460.7	-334.4	7671.7	-148.9	-285.0	5.39	522.8
	4.00	1.64	698.31	394.0	0.07518	194.7	2112.0	0.002346	3.7613E-07		0.001985	12.97
52	62.30	3.98	0.150	0.716	5849.2	31128.9	251.1	10122.5	-152.4	-215.0	4.84	1123.1
125	5.10	-2.43	0.623	0.093	5878.7	29460.6	191.8	9735.2	-140.1	-267.9	5.33	524.9
	4.00	1.62	699.17	394.5	0.07587	194.9	2111.5	0.002337	3.7729E-07		0.001988	12.92
52	62.32	3.89	0.151	0.717	5808.8	30507.6	33.1	10014.5	-156.8	-219.7	4.92	1121.0
79	5.09	-2.43	0.623	0.094	5838.4	28837.9	-23.7	9625.8	-144.5	-272.8	5.44	522.9
	4.00	1.63	698.24	394.0	0.07524	190.8	2112.0	0.002346	3.7618E-07		0.001946	12.97
52	62.32	3.98	0.150	0.716	5886.2	30560.8	482.3	11385.4	-152.0	-204.7	4.89	1123.3
133	5.11	-2.43	0.622	0.093	5915.7	28892.3	423.3	10997.9	-139.7	-257.6	5.39	525.1
	4.00	1.62	699.09	394.4	0.07637	191.4	2111.9	0.002336	3.7740E-07		0.001952	12.92
52	62.32	3.98	0.150	0.716	5931.4	30573.1	364.5	9792.0	-153.9	-214.7	4.96	1123.2
131	5.12	-2.43	0.622	0.094	5960.9	28904.6	305.5	9404.5	-141.6	-267.7	5.46	525.0
	4.00	1.62	699.11	394.4	0.07695	191.5	2111.7	0.002336	3.7736E-07		0.001953	12.92

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
52	62.32	3.89	0.151	0.716	5733.3	31425.3	-130.6	8299.4	-157.4	-235.7	4.83	1120.9	
61	5.08	-2.43	0.623	0.094	5762.8	29755.5	-187.1	7910.5	-145.2	-288.8	5.33	522.8	
	4.00	1.64	697.78	393.7	0.07433	196.4	2112.1	0.002346	3.7613E-07		0.002006	12.98	
52	62.32	3.89	0.150	0.717	5909.0	29765.1	15.6	10216.8	-155.2	-209.8	5.03	1122.6	
120	5.11	-2.43	0.623	0.094	5938.5	28096.2	-42.7	9828.9	-143.0	-262.8	5.56	524.4	
	4.00	1.63	699.48	394.7	0.07650	186.5	2111.7	0.002339	3.7705E-07		0.001897	12.94	
52	62.33	3.90	0.151	0.716	5792.1	30892.7	-1524.2	8996.9	-166.2	-228.0	4.90	1121.4	
91	5.09	-2.43	0.623	0.094	5821.6	29223.2	-1581.3	8608.4	-153.9	-281.1	5.41	523.2	
	4.00	1.63	698.17	393.9	0.07511	193.2	2111.7	0.002344	3.7639E-07		0.001973	12.97	
52	62.33	3.99	0.150	0.716	5931.4	30398	494.7	10483.1	-153.8	-207.9	4.95	1123.6	
136	5.12	-2.43	0.622	0.093	5960.9	28729.5	435.6	10095.6	-141.5	-260.8	5.46	525.3	
	4.00	1.62	699.12	394.5	0.07700	190.4	2111.7	0.002335	3.7753E-07		0.001943	12.92	
52	62.33	3.89	0.150	0.716	5815.5	30332	-233.3	10615.7	-154.3	-209.0	4.90	1122.8	
122	5.10	-2.43	0.623	0.094	5845.0	28663.2	-291.7	10227.8	-142.0	-262.0	5.41	524.6	
	4.00	1.63	699.39	394.6	0.07533	190.0	2111.7	0.002338	3.7714E-07		0.001935	12.94	
52	62.34	3.89	0.151	0.716	5770.1	31117.5	76.1	8369.5	-153.9	-234.8	4.89	1120.9	
62	5.08	-2.43	0.623	0.094	5799.6	29447.6	19.8	7980.5	-141.6	-288.0	5.39	522.8	
	4.00	1.65	697.93	393.8	0.07479	194.5	2112.0	0.002346	3.7616E-07		0.001986	12.98	
52	62.34	3.89	0.151	0.717	5788.2	30892.6	105.8	9641.9	-155.6	-225.4	4.88	1121.0	
65	5.09	-2.43	0.623	0.094	5817.7	29222.7	49.3	9253.0	-143.3	-278.6	5.39	522.9	
	4.00	1.64	698.42	394.1	0.07493	193.3	2112.1	0.002346	3.7620E-07		0.001969	12.98	
52	62.34	3.89	0.151	0.717	5776.5	30932	-44.2	9863.7	-158.2	-219.7	4.85	1121.0	
77	5.09	-2.43	0.623	0.094	5806.0	29262.1	-100.6	9474.8	-146.0	-272.9	5.35	522.9	
	4.00	1.64	698.22	393.9	0.07483	193.4	2112.0	0.002346	3.7620E-07		0.001973	12.99	

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT		THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND TSR Q
		LATA	LONGA	MTIP	OMR	MTUN	RPM	LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC	DRAGQH	CPOS			
52	62.35	3.90	0.151	0.151	0.717	5839.5	30538.9	-176.4	9904.7	-166.8	1119.5									4.99	1119.5	
45	5.09	-2.43	0.623	0.623	0.094	5869.0	28868.3	-231.3	9515.0	-154.6	521.5									5.51	521.5	
	4.00	1.65	697.08	393.3	0.07571	190.7	0.002351	3.7540E-07	0.001950	13.02										0.001950	13.02	
52	62.36	3.89	0.151	0.151	0.716	5766.6	30570	-491.9	10351.7	-155.6	1122.5									4.85	1122.5	
117	5.09	-2.43	0.623	0.623	0.094	5796.1	28900.8	-549.5	9963.5	-143.3	524.3									5.36	524.3	
	4.00	1.63	698.82	394.3	0.07478	191.4	0.002339	3.7699E-07	0.001952	12.96										0.001952	12.96	
52	62.38	3.90	0.151	0.151	0.716	5860.7	30494.6	-1474.1	10532.2	-166.3	1121.3									4.93	1121.3	
89	5.10	-2.43	0.623	0.623	0.094	5890.2	28824.6	-1530.2	10143.1	-154.1	523.2									5.44	523.2	
	4.00	1.63	698.14	393.9	0.07599	190.7	0.002344	3.7635E-07	0.001947	12.99										0.001947	12.99	
52	62.39	3.89	0.151	0.151	0.716	5768.5	30679.3	-430.4	9951.7	-154.7	1122.6									4.85	1122.6	
118	5.09	-2.43	0.622	0.622	0.094	5798.0	29009.8	-487.6	9563.3	-142.4	524.4									5.36	524.4	
	4.00	1.63	698.81	394.3	0.07482	192.0	0.002339	3.7704E-07	0.001959	12.96										0.001959	12.96	
52	62.41	3.89	0.151	0.151	0.717	5795.3	30342.7	-266.0	11126.5	-154.7	1122.8									4.88	1122.8	
121	5.09	-2.43	0.623	0.623	0.094	5824.8	28673.1	-322.9	10737.9	-142.5	524.6									5.38	524.6	
	4.00	1.63	699.43	394.6	0.07506	190.1	0.002338	3.7714E-07	0.001935	12.97										0.001935	12.97	
64	62.44	3.96	0.150	0.150	0.716	5818.3	29567.1	1332.9	11555.6	-179.2	1130.8									5.03	1130.8	
18	5.11	-2.41	0.623	0.623	0.093	5847.8	27903.3	1264.6	11173.1	-166.8	532.1									5.56	532.1	
	4.00	1.48	704.82	397.7	0.07564	186.7	0.002294	3.8132E-07	0.001893	12.74										0.001893	12.74	
52	62.51	3.98	0.151	0.151	0.716	5860.4	31010.8	68.3	10334.3	-154.0	1123.3									4.86	1123.3	
132	5.10	-2.43	0.622	0.622	0.094	5889.9	29340.6	12.6	9944.9	-141.7	525.1									5.35	525.1	
	4.00	1.62	699.08	394.4	0.07604	194.2	0.002336	3.7740E-07	0.001981	13.00										0.001981	13.00	
58	67.46	4.49	0.164	0.164	0.720	5730.1	35697.9	1662.2	10422.9	-161.3	1123.3									5.59	1123.3	
36	2.73	-2.29	0.619	0.619	0.101	5768.3	33971.9	1641.6	10110.2	-151.1	525.1									6.32	525.1	
	1.81	2.07	694.85	392.0	0.07528	222.2	0.002336	3.7740E-07	0.002309	15.14										0.002309	15.14	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND
											LOD_QS	CPOS	
58	67.47	4.49	0.164	0.720	5721.8	35631.9	1525.3	10497.0	-162.8	-225.7	5.59	1123.4	
38	2.73	-2.29	0.618	0.101	5760.0	33906	1504.7	10184.3	-152.6	-288.3	6.33	525.1	
	1.81	2.07	694.68	391.9	0.07522	221.7	2114.5	0.002336	3.7744E-07		0.002307	15.14	
58	67.51	4.49	0.164	0.720	5637.5	36169.1	1212.9	10174.4	-162.7	-227.8	5.45	1123.4	
37	2.72	-2.29	0.618	0.101	5675.6	34442.8	1193.0	9861.2	-152.5	-290.5	6.16	525.1	
	1.81	2.07	694.71	392.0	0.07410	225.1	2114.5	0.002336	3.7744E-07		0.002341	15.16	
58	67.53	4.49	0.164	0.720	5754.3	35671.5	1338.8	9368.8	-165.5	-232.2	5.65	1123.5	
39	2.74	-2.29	0.618	0.101	5792.4	33945	1319.1	9055.3	-155.3	-295.0	6.40	525.2	
	1.81	2.07	694.75	392.0	0.07565	222.0	2114.4	0.002335	3.7748E-07		0.002309	15.17	
58	67.53	4.49	0.164	0.720	5727.1	35659.2	1563.7	10400.6	-162.9	-223.2	5.58	1123.5	
40	2.73	-2.29	0.618	0.101	5765.2	33932.7	1544.0	10087.2	-152.7	-286.0	6.32	525.2	
	1.81	2.07	694.77	392.0	0.07529	221.9	2114.4	0.002335	3.7750E-07		0.002308	15.17	
58	67.54	4.47	0.164	0.720	5745.7	35352.9	1436.0	11232.4	-162.1	-221.4	5.63	1122.9	
28	2.73	-2.29	0.619	0.101	5783.9	33626	1416.9	10918.3	-152.0	-284.2	6.38	524.6	
	1.81	2.02	694.90	392.1	0.07541	220.0	2114.6	0.002338	3.7717E-07		0.002285	15.19	
58	67.56	4.49	0.164	0.719	5679.5	35787.7	1463.3	10878.9	-164.3	-217.6	5.49	1124.2	
44	2.73	-2.29	0.618	0.101	5717.6	34061.3	1443.4	10565.6	-154.1	-280.3	6.21	525.9	
	1.81	2.07	694.83	392.0	0.07474	222.7	2114.4	0.002332	3.7784E-07		0.002319	15.16	
58	67.56	4.48	0.164	0.720	5779.6	35318.6	1729.5	10706.4	-162.3	-225.0	5.69	1123.1	
31	2.74	-2.29	0.619	0.101	5817.8	33591.6	1710.6	10392.2	-152.2	-287.8	6.45	524.8	
	1.81	2.07	694.88	392.1	0.07589	219.8	2114.5	0.002337	3.7728E-07		0.002283	15.19	
58	67.56	4.49	0.164	0.720	5741.8	35690.2	1523.3	10012.0	-162.5	-229.9	5.63	1123.2	
33	2.73	-2.29	0.619	0.101	5780.0	33963.2	1504.4	9697.8	-152.4	-292.7	6.37	524.9	
	1.81	2.07	694.87	392.1	0.07541	222.1	2114.5	0.002337	3.7732E-07		0.002308	15.19	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR
											LOD_QS	CPOS	
58	67.57	4.49	0.164	0.719	5683.8	35762.4	1504.8	10706.5	-163.6	-219.7	5.51	1124.0	
43	2.73	-2.29	0.618	0.101	5722.0	34035.9	1485.2	10393.0	-153.5	-282.4	6.24	525.7	
	1.81	2.07	694.81	392.0	0.07478	222.6	2114.4	0.002333	3.7777E-07		0.002317	15.17	
58	67.58	4.49	0.164	0.720	5792.6	35047.7	1988.3	11289.9	-162.3	-217.1	5.70	1123.6	
41	2.74	-2.29	0.618	0.101	5830.8	33320.7	1969.2	10975.9	-152.1	-279.8	6.46	525.3	
	1.81	2.07	694.74	392.0	0.07617	218.1	2114.4	0.002335	3.7756E-07		0.002269	15.19	
58	67.60	4.47	0.164	0.720	5764.3	35270.5	1671.7	11334.9	-160.3	-220.5	5.66	1123.0	
29	2.74	-2.29	0.619	0.101	5802.5	33543	1653.6	11020.1	-150.2	-283.4	6.42	524.8	
	1.81	2.02	694.81	392.0	0.07569	219.5	2114.6	0.002337	3.7724E-07		0.002280	15.21	
58	67.61	4.49	0.164	0.720	5774.4	35258.3	1705.8	11098.1	-162.2	-221.7	5.68	1123.3	
35	2.74	-2.29	0.619	0.101	5812.6	33530.9	1687.5	10783.4	-152.0	-284.6	6.44	525.0	
	1.81	2.07	694.82	392.0	0.07586	219.4	2114.5	0.002336	3.7739E-07		0.002281	15.21	
58	67.62	4.49	0.164	0.720	5730.1	35688.2	1467.6	10288.3	-162.8	-227.8	5.61	1123.2	
34	2.73	-2.29	0.619	0.101	5768.2	33960.6	1449.5	9973.4	-152.7	-290.7	6.35	525.0	
	1.81	2.07	694.86	392.0	0.07527	222.1	2114.5	0.002336	3.7735E-07		0.002308	15.22	
58	67.62	4.49	0.164	0.719	5767.7	35157.8	1871.1	11300.3	-163.6	-215.5	5.66	1124.0	
42	2.74	-2.29	0.618	0.101	5805.9	33430.7	1852.4	10986.0	-153.5	-278.3	6.41	525.7	
	1.81	2.07	694.79	392.0	0.07588	218.8	2114.4	0.002333	3.7774E-07		0.002277	15.20	
58	67.69	4.48	0.164	0.719	5709.8	35962.8	1022.2	10043.3	-169.9	-217.5	5.50	1124.6	
48	2.73	-2.30	0.618	0.101	5748.0	34235.4	1003.8	9728.7	-159.8	-280.3	6.22	526.3	
	1.81	2.06	694.73	392.0	0.07523	223.8	2114.4	0.002330	3.7810E-07		0.002333	15.21	
58	67.70	4.48	0.164	0.720	5710.4	35885.8	1346.6	9846.9	-162.0	-230.9	5.59	1123.1	
32	2.73	-2.29	0.619	0.102	5748.6	34157.5	1329.7	9530.9	-151.9	-293.8	6.33	524.9	
	1.81	2.07	694.76	392.0	0.07502	223.3	2114.5	0.002337	3.7730E-07		0.002321	15.25	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSNN TSR Q
											LOD_QS	CPOS	
58	67.70	4.48	0.164	0.716	5707.6	35403.3	1411.6	8881.2	-169.0	-211.5	5.56	1129.7	
83	2.74	-2.30	0.615	0.101	5745.7	33678.9	1388.6	8570.6	-158.7	-273.9	6.29	531.1	
	1.81	2.10	694.72	392.0	0.07590	220.3	2114.3	0.002309	3.8073E-07		0.002318	15.07	
58	67.70	4.48	0.164	0.716	5677.7	35716.1	1198.6	8068.7	-169.3	-217.5	5.52	1129.8	
84	2.73	-2.30	0.615	0.101	5715.8	33991.7	1175.6	7758.1	-159.0	-279.9	6.24	531.1	
	1.81	2.10	694.68	391.9	0.07553	222.2	2114.3	0.002309	3.8078E-07		0.002339	15.07	
58	67.70	4.48	0.165	0.716	5673.8	35609.4	1314.8	8802.1	-169.3	-212.4	5.50	1129.4	
81	2.73	-2.30	0.615	0.101	5712.0	33884.8	1292.1	8491.2	-159.1	-274.9	6.22	530.8	
	1.81	2.11	694.56	391.9	0.07544	221.5	2114.3	0.002310	3.8058E-07		0.002331	15.08	
58	67.70	4.48	0.164	0.719	5688.4	35825.4	1907.1	9291.8	-164.1	-224.3	5.54	1124.9	
51	2.72	-2.29	0.618	0.101	5726.6	34098.1	1888.7	8977.2	-153.9	-287.2	6.27	526.5	
	1.81	2.06	694.82	392.0	0.07496	223.0	2114.4	0.002329	3.7822E-07		0.002325	15.21	
58	67.72	4.48	0.164	0.719	5694.3	35612.3	1175.0	11361.2	-166.6	-205.2	5.48	1125.1	
54	2.73	-2.28	0.618	0.101	5732.4	33884.9	1156.7	11046.5	-156.5	-268.0	6.19	526.7	
	1.81	2.08	694.83	392.0	0.07506	221.6	2114.4	0.002328	3.7832E-07		0.002311	15.21	
58	67.72	4.48	0.164	0.720	5794.9	35253.7	1736.4	10582.9	-161.9	-226.2	5.73	1123.0	
30	2.74	-2.29	0.619	0.102	5833.1	33525.1	1720.0	10266.5	-151.8	-289.2	6.50	524.8	
	1.81	2.07	694.84	392.0	0.07609	219.4	2114.5	0.002337	3.7725E-07		0.002279	15.27	
58	67.74	4.48	0.165	0.716	5699.2	35324.6	1638.8	9906.2	-168.6	-205.6	5.53	1129.1	
76	2.73	-2.30	0.615	0.101	5737.3	33599.4	1617.1	9594.5	-158.5	-268.1	6.26	530.5	
	1.81	2.11	694.77	392.0	0.07569	219.8	2114.3	0.002312	3.8044E-07		0.002310	15.11	
58	67.75	4.48	0.165	0.716	5644.3	35892.3	1179.0	8243.3	-169.6	-217.2	5.46	1129.4	
80	2.72	-2.30	0.615	0.101	5682.5	34167.2	1157.2	7931.7	-159.4	-279.7	6.18	530.8	
	1.81	2.11	694.61	391.9	0.07503	223.3	2114.4	0.002311	3.8057E-07		0.002349	15.11	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSNR TSR Q
											LOD_QS	CPOS	
58	67.76	4.48	0.165	0.716	5696.2	35102.4	1628.1	10505.3	-167.4	-200.4	5.54	1129.9	
85	2.73	-2.30	0.615	0.101	5734.4	33377.5	1605.9	10194.0	-157.2	-262.9	6.27	531.2	
	1.81	2.10	694.62	391.9	0.07579	218.4	2114.4	0.002309	3.8083E-07		0.002300	15.10	
58	67.76	4.45	0.165	0.717	5650.4	35510.9	1019.6	9056.2	-167.7	-210.0	5.49	1128.3	
68	2.72	-2.30	0.616	0.101	5688.6	33785.1	998.9	8743.7	-157.5	-272.6	6.21	529.7	
	1.81	2.04	694.83	392.0	0.07494	221.0	2114.2	0.002315	3.8000E-07		0.002319	15.14	
58	67.76	4.48	0.165	0.719	5712.0	35386	1462.1	11851.5	-165.4	-201.2	5.51	1125.0	
53	2.73	-2.29	0.618	0.101	5750.2	33658.2	1444.4	11536.3	-155.3	-264.1	6.23	526.7	
	1.81	2.08	694.94	392.1	0.07527	220.2	2114.4	0.002329	3.7830E-07		0.002296	15.23	
58	67.77	4.45	0.165	0.717	5714.4	35007.2	1293.7	10006.7	-169.0	-203.0	5.59	1128.8	
71	2.73	-2.30	0.615	0.101	5752.6	33281.5	1272.7	9694.4	-158.8	-265.5	6.32	530.2	
	1.81	2.03	694.65	391.9	0.07588	217.8	2114.2	0.002313	3.8023E-07		0.002289	15.13	
58	67.77	4.45	0.165	0.717	5654.9	35209.2	845.5	10440.7	-169.4	-199.2	5.49	1128.4	
69	2.72	-2.30	0.616	0.101	5693.1	33483.4	824.8	10128.2	-159.2	-261.8	6.20	529.8	
	1.81	2.04	694.75	392.0	0.07502	219.1	2114.2	0.002314	3.8005E-07		0.002300	15.14	
58	67.77	4.48	0.165	0.719	5745.1	35550	1074.3	11443.2	-169.2	-208.1	5.55	1124.5	
47	2.73	-2.30	0.618	0.102	5783.3	33821.8	1057.3	11127.4	-159.1	-271.0	6.28	526.2	
	1.81	2.06	694.80	392.0	0.07566	221.2	2114.3	0.002331	3.7804E-07		0.002305	15.25	
58	67.78	4.48	0.165	0.719	5722.8	35603.4	1090.5	10515.7	-169.1	-210.4	5.54	1125.2	
56	2.73	-2.29	0.617	0.101	5760.9	33875.5	1073.0	10200.3	-159.0	-273.3	6.26	526.8	
	1.81	2.07	694.73	392.0	0.07547	221.5	2114.4	0.002328	3.7838E-07		0.002312	15.23	
58	67.78	4.49	0.165	0.719	5721.9	35385.9	1736.1	11256.5	-160.9	-212.5	5.58	1124.4	
45	2.73	-2.29	0.618	0.102	5760.1	33657.5	1719.4	10940.3	-150.8	-275.5	6.32	526.1	
	1.81	2.06	694.72	392.0	0.07535	220.2	2114.3	0.002331	3.7795E-07		0.002294	15.26	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSNN TSR Q
											LOD_QS	CPOS	
58	67.79	4.48	0.165	0.719	5733.3	35531.5	1418.2	11092.6	-169.0	-210.4	5.56	1124.7	
49	2.73	-2.30	0.618	0.102	5771.5	33803.3	1401.2	10776.7	-158.8	-273.4	6.29	526.4	
	1.81	2.06	694.84	392.0	0.07552	221.1	2114.3	0.002330	3.7814E-07		0.002305	15.25	
58	67.80	4.48	0.165	0.719	5749.8	35380.4	1636.6	10180.8	-164.0	-215.0	5.62	1125.4	
58	2.73	-2.30	0.617	0.101	5788.0	33652.5	1619.1	9865.3	-153.9	-278.0	6.37	527.0	
	1.81	2.07	694.83	392.0	0.07584	220.2	2114.3	0.002327	3.7848E-07		0.002298	15.23	
58	67.80	4.48	0.165	0.716	5654.6	35711.4	1264.2	9413.7	-169.4	-208.6	5.46	1129.3	
78	2.72	-2.30	0.615	0.101	5692.8	33985.7	1243.2	9101.4	-159.2	-271.2	6.17	530.6	
	1.81	2.11	694.72	392.0	0.07514	222.2	2114.3	0.002311	3.8050E-07		0.002336	15.13	
58	67.81	4.48	0.165	0.719	5767.2	35266.9	1554.9	9972.8	-165.9	-216.3	5.66	1125.3	
57	2.73	-2.29	0.617	0.101	5805.4	33538.8	1537.7	9657.1	-155.8	-279.2	6.41	526.9	
	1.81	2.07	694.83	392.0	0.07605	219.5	2114.4	0.002328	3.7843E-07		0.002290	15.24	
58	67.82	4.48	0.165	0.716	5657.6	35750.4	1131.8	8781.9	-170.3	-213.1	5.48	1129.3	
79	2.72	-2.30	0.615	0.101	5695.8	34024.5	1111.0	8469.4	-160.1	-275.7	6.20	530.7	
	1.81	2.11	694.66	391.9	0.07520	222.4	2114.4	0.002311	3.8053E-07		0.002340	15.14	
58	67.82	4.48	0.165	0.719	5809.2	34977.1	1510.3	9624.9	-168.6	-218.0	5.76	1125.4	
59	2.74	-2.30	0.617	0.101	5847.4	33248.9	1493.2	9309.2	-158.5	-281.0	6.53	527.0	
	1.81	2.06	694.79	392.0	0.07663	217.7	2114.4	0.002327	3.7850E-07		0.002272	15.24	
58	67.82	4.48	0.165	0.719	5711.4	35622.9	1439.3	10423.7	-165.2	-211.2	5.53	1124.9	
52	2.73	-2.29	0.618	0.102	5749.6	33894.4	1422.6	10107.6	-155.1	-274.2	6.26	526.6	
	1.81	2.08	694.81	392.0	0.07527	221.7	2114.4	0.002329	3.7825E-07		0.002312	15.26	
58	67.82	4.48	0.165	0.716	5736.5	35376.4	1376.1	8683.3	-170.8	-212.7	5.60	1129.2	
77	2.74	-2.30	0.615	0.101	5774.7	33650.4	1355.6	8370.6	-160.7	-275.3	6.34	530.6	
	1.81	2.11	694.69	392.0	0.07622	220.1	2114.3	0.002311	3.8047E-07		0.002314	15.14	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
58	67.83	4.48	0.165	0.719	5751.5	35325	1405.8	11387.6	-167.7	-203.6	5.57	1125.1	
55	2.73	-2.28	0.618	0.102	5789.7	33596.5	1389.1	11071.4	-157.6	-266.6	6.30	526.7	
	1.81	2.08	694.81	392.0	0.07582	219.8	2114.3	0.002328	3.7834E-07		0.002293	15.26	
58	67.83	4.45	0.165	0.717	5708.0	34956.6	1281.7	10178.7	-170.1	-202.1	5.59	1128.6	
70	2.73	-2.30	0.616	0.101	5746.2	33230.2	1261.8	9865.5	-159.9	-264.8	6.33	530.0	
	1.81	2.03	694.84	392.0	0.07574	217.5	2114.2	0.002313	3.8017E-07		0.002284	15.16	
58	67.84	4.48	0.165	0.716	5636.8	35331.9	1521.0	11647.1	-165.3	-195.3	5.44	1129.5	
82	2.72	-2.30	0.615	0.101	5674.9	33606	1500.5	11334.4	-155.1	-258.0	6.14	530.9	
	1.81	2.11	694.73	392.0	0.07492	219.9	2114.3	0.002310	3.8062E-07		0.002312	15.14	
58	67.86	4.48	0.165	0.717	5641.7	35848.9	1230.4	9504.2	-169.0	-209.8	5.44	1129.0	
74	2.72	-2.29	0.615	0.101	5679.9	34122.5	1210.5	9190.9	-158.8	-272.4	6.15	530.4	
	1.81	2.11	694.71	392.0	0.07493	223.1	2114.3	0.002312	3.8036E-07		0.002344	15.16	
58	67.86	4.45	0.165	0.717	5550.0	35806.3	971.4	9541.1	-167.6	-211.1	5.38	1128.9	
73	2.70	-2.30	0.615	0.101	5588.1	34079.8	951.7	9227.6	-157.4	-273.8	6.08	530.3	
	1.81	2.11	694.60	391.9	0.07373	222.8	2114.2	0.002312	3.8032E-07		0.002342	15.17	
58	67.87	4.45	0.165	0.717	5668.8	35093.2	1287.0	10757.3	-169.3	-197.7	5.52	1128.9	
72	2.72	-2.30	0.615	0.101	5707.0	33366.6	1267.4	10443.7	-159.1	-260.4	6.24	530.3	
	1.81	2.03	694.61	391.9	0.07530	218.3	2114.2	0.002312	3.8029E-07		0.002295	15.17	
58	67.89	4.48	0.165	0.719	5754.6	35411.7	986.6	11296.6	-169.0	-208.6	5.59	1124.4	
46	2.73	-2.30	0.618	0.102	5792.8	33682.4	971.3	10979.2	-158.9	-271.7	6.33	526.1	
	1.81	2.06	694.70	392.0	0.07579	220.4	2114.3	0.002331	3.7799E-07		0.002296	15.30	
58	67.93	4.48	0.165	0.717	5617.1	35844.6	1106.9	10239.4	-168.9	-205.0	5.40	1129.1	
75	2.71	-2.30	0.615	0.101	5655.3	34117.6	1088.1	9925.1	-158.7	-267.8	6.10	530.5	
	1.81	2.11	694.84	392.0	0.07458	223.1	2114.3	0.002312	3.8040E-07		0.002343	15.19	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU		MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ		ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
			MTIP	OMR			TORQ_QW	HP					LOD_QS	CPOS	
58	67.96	4.48	0.165		0.720	5698.0	36016.2		1371.7	8879.6	-168.8	-225.4	5.55	1124.8	
50	2.72	-2.29	0.618		0.102	5736.2	34286.2		1357.3	8561.3	-158.7	-288.6	6.28	526.4	
	1.81	2.06	694.81		392.0	0.07508	224.1		2114.3	0.002330	3.7817E-07		0.002337	15.33	
48	81.81	4.23	0.199		0.746	5778.4	31303.3		-118.4	11117.5	-179.8	-131.3	6.84	1115.6	
97	2.63	-2.03	0.622		0.124	5815.8	29426.4		7.2	10493.7	-170.8	-214.0	8.12	517.9	
	2.00	2.34	694.20		391.7	0.07543	194.6		2099.7	0.002354	3.7339E-07		0.002012	22.44	
48	81.81	4.23	0.199		0.746	5918.4	30877.3		2527.0	12197.7	-169.0	-122.4	6.98	1115.6	
89	2.65	-2.02	0.622		0.124	5955.7	29000.3		2652.5	11573.6	-160.0	-205.1	8.27	517.9	
	2.00	2.33	694.22		391.7	0.07723	192.0		2100.0	0.002355	3.7338E-07		0.001984	22.45	
48	81.84	4.23	0.199		0.746	5676.6	31683.5		1516.9	7103.2	-167.3	-181.6	7.10	1115.1	
79	2.62	-2.02	0.623		0.124	5713.9	29805.9		1642.6	6477.4	-158.3	-264.4	8.51	517.4	
	2.00	2.35	694.24		391.7	0.07402	197.0		2099.9	0.002357	3.7313E-07		0.002034	22.48	
48	81.85	4.22	0.199		0.746	5526.2	32402.9		894.4	3791.3	-167.0	-212.0	7.07	1115.2	
80	2.61	-2.02	0.623		0.124	5563.6	30525.2		1020.1	3165.3	-158.1	-294.8	8.51	517.5	
	2.00	2.36	694.34		391.8	0.07205	201.5		2099.9	0.002356	3.7319E-07		0.002080	22.48	
48	81.86	4.23	0.199		0.746	5806.2	30817.2		2164.9	10986.0	-169.3	-135.0	7.00	1115.6	
92	2.64	-2.02	0.622		0.124	5843.5	28939.7		2290.6	10360.6	-160.4	-217.8	8.33	517.9	
	2.00	2.34	694.28		391.7	0.07577	191.6		2099.9	0.002355	3.7338E-07		0.001980	22.47	
48	81.91	4.23	0.199		0.747	5846.2	30762.8		2260.0	11032.7	-167.6	-145.5	7.14	1115.1	
78	2.64	-2.02	0.623		0.124	5883.5	28884.4		2385.9	10405.0	-158.7	-228.4	8.52	517.4	
	2.00	2.34	694.45		391.8	0.07620	191.3		2099.8	0.002357	3.7312E-07		0.001974	22.52	
48	81.91	4.23	0.199		0.746	6022.5	31186.7		2633.2	14282.9	-170.4	-99.2	6.83	1115.4	
90	2.66	-2.02	0.622		0.124	6059.9	29308.5		2759.0	13655.7	-161.5	-182.1	8.04	517.7	
	2.00	2.32	694.26		391.7	0.07857	193.9		2100.0	0.002355	3.7330E-07		0.002003	22.51	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS LOD_QS CPOS	CSND TSR Q
48	81.94	4.23	0.199	0.746	6068.5	30238.5	3468.8	15994.6	-169.8	-78.5	6.89	1115.3
83	2.66	-2.02	0.622	0.124	6105.9	28360	3594.6	15366.5	-160.8	-161.4	8.12	517.6
	2.00	2.33	694.21	391.7	0.07917	188.0	2099.8	0.002356	3.7324E-07		0.001942	22.52
48	81.94	4.22	0.199	0.746	5663.4	31132.1	1753.1	8845.9	-166.4	-159.3	7.02	1115.5
86	2.62	-2.02	0.622	0.124	5700.7	29253.8	1879.0	8218.1	-157.5	-242.2	8.40	517.8
	2.00	2.35	694.20	391.7	0.07391	193.6	2099.8	0.002355	3.7334E-07		0.002001	22.52
48	81.94	4.23	0.199	0.746	5877.9	30545.2	3055.6	8521.7	-165.9	-150.4	7.27	1115.5
93	2.64	-2.02	0.622	0.124	5915.2	28666.9	3181.5	7894.0	-157.0	-233.3	8.69	517.8
	2.00	2.33	694.26	391.7	0.07671	189.9	2099.7	0.002355	3.7336E-07		0.001963	22.52
48	81.95	4.22	0.199	0.746	5573.3	31141.6	1275.6	6204.0	-167.7	-181.4	7.13	1115.5
87	2.61	-2.02	0.622	0.124	5610.6	29263.1	1401.6	5575.6	-158.7	-264.3	8.59	517.8
	2.00	2.36	694.20	391.7	0.07274	193.6	2099.9	0.002355	3.7332E-07		0.002001	22.53
48	81.95	4.23	0.199	0.746	5941.6	30539.9	2613.5	12138.0	-170.6	-120.5	7.07	1115.2
82	2.65	-2.02	0.623	0.124	5979.0	28661.1	2739.5	11509.2	-161.7	-203.5	8.39	517.5
	2.00	2.34	694.28	391.7	0.07749	189.9	2099.8	0.002356	3.7320E-07		0.001961	22.54
48	81.96	4.23	0.199	0.746	5839.5	30786.8	1079.4	10065.5	-175.7	-136.9	7.06	1115.6
96	2.64	-2.02	0.622	0.124	5876.9	28908.4	1205.2	9437.5	-166.8	-219.8	8.41	517.9
	2.00	2.34	694.24	391.7	0.07623	191.4	2099.7	0.002354	3.7341E-07		0.001979	22.52
48	82.13	6.90	0.200	0.747	5791.3	66028.4	1683.5	8376.4	-174.4	-170.3	6.39	1114.2
59	-4.89	-2.05	0.623	0.124	5866.2	64119.4	1638.7	8190.2	-170.4	-261.7	7.71	516.6
	-5.51	3.28	694.02	391.6	0.07544	410.4	2099.8	0.002360	3.7266E-07		0.004235	22.68
48	82.15	6.82	0.200	0.747	5478.2	64534.3	-9.7	3025.4	-174.2	-244.3	6.65	1112.8
41	-4.92	-2.07	0.623	0.124	5553.1	62624	-54.2	2835.5	-170.2	-336.0	8.19	515.3
	-5.51	3.29	693.02	391.0	0.07139	400.5	2099.9	0.002366	3.7195E-07		0.004141	22.75

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT		THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSNN TSR Q
		LATA LONGA	OMR	MTIP OMR	RPM	MTUN RPM	LIFTQH CTOS	TORQ_QW TORQ	HP	ROLLQH PS	PITCHQH RHO	SIDEQH VISC	DRAGQH	CPOS								
														LOD_QS	QPOS							
48	82.16	6.84	0.200	0.747	0.747	5716.1	65344.5		1182.6	8362.3	-176.3	-175.9	6.42							1113.6		
52	-4.90	-2.06	0.623	0.124	0.124	5791.0	63434.7		1137.9	8174.0	-172.3	-267.5	7.78							516.0		
	-5.51	3.29	693.87	391.5	391.5	0.07443	406.1		2099.6	0.002363	3.7236E-07		0.004189							22.72		
48	82.18	6.82	0.200	0.747	0.747	5753.0	64756.6		1587.2	9691.8	-173.9	-176.6	6.62							1112.6		
39	-4.89	-2.07	0.623	0.124	0.124	5827.9	62845.9		1542.7	9500.7	-169.9	-268.2	8.05							515.1		
	-5.51	3.28	693.09	391.0	391.0	0.07493	402.0		2100.0	0.002367	3.7185E-07		0.004153							22.77		
48	82.19	6.84	0.200	0.747	0.747	5832.7	65073.3		-700.9	10689.3	-190.3	-153.3	6.52							1114.1		
57	-4.88	-2.06	0.623	0.124	0.124	5907.6	63163.7		-745.6	10501.3	-186.3	-244.8	7.89							516.5		
	-5.51	3.29	693.98	391.6	391.6	0.07597	404.5		2099.7	0.002361	3.7261E-07		0.004173							22.71		
48	82.21	7.33	0.200	0.748	0.748	6487.4	71126.9		5098.0	18774.8	-174.8	-54.4	6.02							1113.0		
44	-4.82	-2.07	0.623	0.124	0.124	6562.3	69216.1		5053.5	18583.8	-170.8	-146.0	7.04							515.5		
	-5.51	3.21	693.75	391.4	391.4	0.08439	441.9		2099.7	0.002366	3.7204E-07		0.004556							22.77		
48	82.22	7.33	0.200	0.748	0.748	6464.1	69771.3		4844.1	17047.8	-175.7	-83.4	6.36							1112.9		
43	-4.82	-2.07	0.623	0.124	0.124	6539.0	67860.4		4799.6	16856.3	-171.7	-175.1	7.51							515.4		
	-5.51	3.22	693.39	391.2	391.2	0.08417	433.3		2099.8	0.002366	3.7201E-07		0.004473							22.78		
48	82.23	6.84	0.200	0.748	0.748	5895.4	65919.6		1457.6	12137.6	-180.2	-142.0	6.41							1113.5		
49	-4.88	-2.12	0.623	0.124	0.124	5970.3	64009		1413.0	11947.0	-176.2	-233.7	7.71							516.0		
	-5.51	3.22	694.15	391.6	391.6	0.07667	409.8		2099.7	0.002363	3.7231E-07		0.004221							22.76		
48	82.26	6.82	0.200	0.747	0.747	5554.5	64797.4		412.7	5908.6	-174.0	-215.1	6.54							1112.7		
40	-4.92	-2.07	0.623	0.125	0.125	5629.4	62885.8		368.3	5715.2	-170.0	-306.9	8.00							515.1		
	-5.51	3.29	693.01	391.0	391.0	0.07236	402.2		2099.9	0.002367	3.7186E-07		0.004156							22.82		
64	82.27	4.28	0.197	0.745	0.745	5737.6	31425.8		1971.1	11189.3	-144.1	-171.7	7.06							1130.8		
31	2.64	-1.93	0.623	0.122	0.122	5775.1	29557.7		2094.2	10588.4	-135.2	-253.4	8.43							532.0		
	2.00	2.17	704.43	397.4	397.4	0.07504	198.3		2096.7	0.002283	3.8128E-07		0.002024							22.01		

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS	CSNN TSR Q
											LOD_QS	
48	82.27	6.84	0.200	0.747	5754.7	65365.7	188.4	9117.9	-183.7	-166.7	6.44	1113.9
56	-4.89	-2.06	0.623	0.124	5829.6	63455	143.9	8927.0	-179.8	-258.4	7.79	516.3
	-5.51	3.29	694.02	391.6	0.07494	406.3	2099.6	0.002361	3.7252E-07		0.004191	22.76
48	82.28	6.84	0.200	0.748	5817.1	65225.4	1124.9	9751.9	-179.7	-168.0	6.58	1113.2
46	-4.89	-2.12	0.624	0.125	5892.0	63314.1	1080.5	9559.2	-175.7	-259.7	7.98	515.6
	-5.51	3.23	694.14	391.6	0.07561	405.5	2099.7	0.002365	3.7213E-07		0.004174	22.80
48	82.29	6.85	0.200	0.748	6033.7	66630.9	2039.9	14615.3	-179.5	-113.7	6.35	1113.5
50	-4.87	-2.12	0.623	0.125	6108.7	64719.8	1995.4	14423.2	-175.5	-205.4	7.59	515.9
	-5.51	3.21	694.08	391.6	0.07849	414.2	2099.7	0.002363	3.7230E-07		0.004268	22.79
48	82.36	6.84	0.200	0.748	5701.6	65481.5	4026.9	8213.4	-159.4	-178.2	6.41	1113.9
54	-4.90	-2.05	0.623	0.125	5776.5	63569.9	3982.5	8020.2	-155.4	-270.0	7.77	516.3
	-5.51	3.29	694.03	391.6	0.07425	407.0	2099.6	0.002361	3.7250E-07		0.004198	22.81
49	82.37	4.21	0.199	0.746	5745.5	31052.3	3502.1	12199.7	-157.9	-168.5	7.20	1121.2
31	2.63	-1.95	0.623	0.124	5782.8	29173.8	3627.9	11571.7	-148.9	-251.4	8.63	523.1
	2.00	2.22	698.19	393.9	0.07503	194.2	2097.3	0.002327	3.7633E-07		0.001997	22.49
49	82.37	4.21	0.199	0.746	5691.7	31943.3	2530.7	9229.5	-164.1	-193.9	7.18	1122.0
55	2.62	-1.95	0.622	0.124	5729.0	30065.5	2656.4	8603.3	-155.2	-276.7	8.62	523.8
	2.00	2.45	698.30	394.0	0.07441	199.8	2096.9	0.002324	3.7670E-07		0.002056	22.45
49	82.38	4.21	0.199	0.746	5838.5	30317.4	3303.2	12315.8	-161.1	-163.1	7.40	1121.3
32	2.64	-1.95	0.623	0.124	5875.9	28438.9	3429.1	11687.7	-152.1	-246.0	8.90	523.2
	2.00	2.21	698.13	393.9	0.07627	189.6	2097.3	0.002327	3.7637E-07		0.001950	22.49
49	82.38	4.21	0.199	0.747	5802.9	30840.7	2454.2	13505.1	-169.6	-155.9	7.18	1121.3
25	2.63	-1.95	0.623	0.124	5840.2	28962.2	2580.1	12876.9	-160.6	-238.8	8.59	523.2
	2.00	2.22	698.27	394.0	0.07577	192.9	2097.2	0.002327	3.7636E-07		0.001983	22.49

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
49	82.38	4.20	0.199	0.746	5840.0	30727.7	2834.5	11868.0	-165.2	-165.8	7.33	1121.3	
40	2.64	-1.94	0.623	0.124	5877.4	28849.2	2960.4	11240.1	-156.2	-248.7	8.80	523.2	
	2.00	2.22	698.13	393.9	0.07630	192.1	2097.0	0.002326	3.7637E-07		0.001977	22.49	
49	82.39	4.21	0.199	0.746	5757.5	31270.6	2974.3	11723.9	-166.4	-170.9	7.18	1121.4	
27	2.63	-1.95	0.623	0.124	5794.9	29392.1	3100.2	11095.7	-157.5	-253.8	8.61	523.3	
	2.00	2.22	698.16	393.9	0.07522	195.5	2097.3	0.002326	3.7642E-07		0.002011	22.49	
49	82.39	4.21	0.199	0.747	5926.1	29932.3	2557.1	14051.8	-171.4	-148.9	7.44	1121.3	
24	2.65	-1.95	0.623	0.124	5963.5	28053.7	2683.0	13423.4	-162.4	-231.8	8.92	523.2	
	2.00	2.22	698.38	394.0	0.07736	187.2	2097.2	0.002327	3.7637E-07		0.001924	22.50	
49	82.40	4.21	0.199	0.746	5857.3	30099.8	3020.9	13961.4	-161.7	-151.1	7.36	1121.4	
33	2.64	-1.95	0.623	0.124	5894.6	28221.1	3146.8	13332.8	-152.7	-234.1	8.83	523.2	
	2.00	2.21	698.19	393.9	0.07650	188.2	2097.3	0.002327	3.7638E-07		0.001936	22.50	
49	82.40	4.20	0.199	0.746	5866.8	30363.8	2471.1	12004.9	-169.3	-157.3	7.37	1121.3	
35	2.64	-1.94	0.623	0.124	5904.2	28485.1	2597.1	11376.1	-160.3	-240.3	8.84	523.2	
	2.00	2.23	698.14	393.9	0.07664	189.9	2097.3	0.002327	3.7634E-07		0.001953	22.50	
49	82.41	4.21	0.199	0.746	5773.9	30871.5	3669.5	11599.8	-157.6	-174.8	7.32	1122.2	
63	2.63	-1.95	0.623	0.124	5811.3	28993.4	3795.3	10972.7	-148.7	-257.7	8.80	524.0	
	2.00	2.45	698.65	394.2	0.07545	193.2	2096.9	0.002323	3.7683E-07		0.001986	22.47	
49	82.42	4.20	0.199	0.746	5785.6	30868.6	2423.2	12591.8	-167.0	-156.0	7.17	1121.5	
46	2.63	-1.94	0.622	0.124	5823.0	28990	2549.1	11963.3	-158.0	-239.0	8.58	523.4	
	2.00	2.22	698.07	393.9	0.07563	193.0	2097.0	0.002325	3.7648E-07		0.001987	22.50	
49	82.42	4.21	0.199	0.747	5857.1	30563.3	2123.5	13448.2	-170.5	-154.7	7.29	1121.2	
23	2.64	-1.95	0.623	0.124	5894.5	28684.3	2249.5	12818.8	-161.6	-237.7	8.73	523.1	
	2.00	2.22	698.28	394.0	0.07646	191.2	2097.2	0.002327	3.7630E-07		0.001964	22.52	

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT MTUN RPM	THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND TSR Q
		LATA	LONGA	MTIP	OMR		LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC	DRAGQH	DRAGQH	LOD_QS	CPOS	
49	82.43	4.21		0.199		0.746	5850.1		30248.6		2846.6		12065.9		-166.9		-163.8		7.44		1121.5
47	2.64	-1.95		0.622		0.124	5887.4		28369.9		2972.6		11437.2		-157.9		-246.8		8.95		523.4
	2.00	2.21		698.13		393.9	0.07647		189.1		2097.0		0.002325		3.7648E-07				0.001947		22.50
49	82.43	4.21		0.199		0.746	5854.3		30554.4		2569.3		12352.5		-165.2		-156.9		7.31		1121.3
34	2.64	-1.94		0.623		0.124	5891.7		28675.3		2695.4		11722.9		-156.3		-239.9		8.76		523.2
	2.00	2.23		698.02		393.8	0.07649		191.0		2097.3		0.002327		3.7634E-07				0.001966		22.52
49	82.44	4.21		0.199		0.746	5808.7		30734.5		2578.1		13222.8		-167.4		-150.0		7.17		1121.3
36	2.63	-1.94		0.623		0.124	5846.0		28855.4		2704.2		12592.9		-158.4		-233.0		8.57		523.2
	2.00	2.22		698.07		393.9	0.07589		192.2		2097.2		0.002327		3.7635E-07				0.001977		22.53
49	82.45	4.21		0.199		0.746	5857.6		30530.9		2577.3		12380.6		-169.3		-156.9		7.32		1121.3
37	2.64	-1.94		0.623		0.124	5894.9		28651.7		2703.3		11750.7		-160.3		-239.9		8.77		523.2
	2.00	2.22		698.03		393.8	0.07655		190.9		2097.1		0.002327		3.7636E-07				0.001964		22.52
49	82.45	4.21		0.199		0.747	5855.5		30219.9		3186.0		13492.6		-164.6		-159.4		7.41		1121.1
19	2.64	-1.94		0.623		0.124	5892.9		28340.5		3312.1		12861.9		-155.6		-242.5		8.90		523.0
	2.00	2.22		698.46		394.1	0.07637		189.1		2097.2		0.002328		3.7624E-07				0.001941		22.54
49	82.45	4.21		0.199		0.746	5700.5		31715.6		2355.2		9101.0		-166.2		-193.8		7.24		1122.0
56	2.62	-1.95		0.622		0.124	5737.9		29837		2481.1		8472.7		-157.3		-276.8		8.71		523.9
	2.00	2.46		698.32		394.0	0.07453		198.4		2096.9		0.002323		3.7674E-07				0.002042		22.49
49	82.45	4.21		0.199		0.746	5852.6		30546.5		2682.2		11463.0		-165.5		-173.1		7.46		1122.3
64	2.64	-1.95		0.623		0.124	5889.9		28668.1		2808.1		10835.2		-156.5		-256.0		8.97		524.1
	2.00	2.44		698.68		394.2	0.07647		191.2		2096.6		0.002322		3.7686E-07				0.001965		22.48
49	82.45	4.21		0.199		0.746	5816.3		31085.9		2516.6		10282.5		-170.9		-177.5		7.35		1121.4
26	2.64	-1.95		0.623		0.124	5853.6		29206.6		2642.6		9652.4		-162.0		-260.5		8.82		523.2
	2.00	2.22		698.12		393.9	0.07598		194.4		2097.2		0.002327		3.7638E-07				0.001999		22.53

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSNN TSR
											LOD_QS	CPOS	
49	82.46	4.21	0.199	0.746	5765.3	31247.3	985.7	9778.5	-176.0	-194.4	7.42	1122.2	
68	2.63	-1.96	0.623	0.124	5802.7	29368.8	1111.6	9150.5	-167.0	-277.3	8.94	524.0	
	2.00	2.45	698.64	394.2	0.07536	195.5	2096.4	0.002322	3.7683E-07		0.002011	22.49	
49	82.46	4.20	0.199	0.746	5875.0	30231.1	2684.0	12700.8	-166.1	-156.8	7.40	1121.5	
45	2.64	-1.94	0.622	0.124	5912.3	28352	2810.0	12071.2	-157.1	-239.8	8.89	523.4	
	2.00	2.22	698.11	393.9	0.07679	189.0	2097.0	0.002325	3.7648E-07		0.001946	22.52	
49	82.46	4.21	0.199	0.746	5788.0	30810.5	4340.7	9067.7	-154.4	-193.8	7.54	1122.2	
62	2.63	-1.95	0.623	0.124	5825.4	28931.9	4466.6	8439.3	-145.4	-276.7	9.10	524.0	
	2.00	2.45	698.63	394.2	0.07563	192.8	2096.7	0.002323	3.7682E-07		0.001982	22.49	
49	82.46	4.21	0.199	0.746	5779.1	31131.2	3074.2	11370.3	-166.3	-171.8	7.25	1121.4	
28	2.63	-1.95	0.623	0.124	5816.4	29251.8	3200.3	10740.0	-157.3	-254.9	8.69	523.3	
	2.00	2.21	698.17	393.9	0.07549	194.7	2097.2	0.002326	3.7640E-07		0.002002	22.53	
49	82.46	4.20	0.199	0.746	5769.3	31262.2	2602.9	11074.4	-163.0	-173.2	7.23	1121.4	
42	2.63	-1.94	0.622	0.124	5806.7	29383	2729.0	10444.3	-154.1	-256.3	8.66	523.2	
	2.00	2.22	697.99	393.8	0.07542	195.4	2097.0	0.002326	3.7639E-07		0.002012	22.53	
49	82.47	4.20	0.199	0.746	5769.9	31150.8	2698.0	11535.5	-163.8	-170.4	7.22	1121.3	
41	2.63	-1.94	0.623	0.124	5807.3	29271.4	2824.0	10905.2	-154.8	-253.4	8.66	523.2	
	2.00	2.22	698.10	393.9	0.07539	194.8	2096.9	0.002326	3.7637E-07		0.002004	22.53	
49	82.47	4.21	0.199	0.746	5743.2	31464.4	3297.7	9991.7	-162.3	-182.8	7.24	1121.4	
29	2.63	-1.95	0.623	0.124	5780.6	29585	3423.8	9361.2	-153.3	-265.9	8.70	523.3	
	2.00	2.21	698.16	393.9	0.07503	196.8	2097.3	0.002326	3.7641E-07		0.002024	22.54	
49	82.48	4.21	0.199	0.747	5886.0	30306	2799.1	12557.6	-169.1	-155.5	7.39	1121.2	
38	2.64	-1.94	0.623	0.124	5923.3	28426.5	2925.2	11926.7	-160.1	-238.6	8.86	523.1	
	2.00	2.22	698.20	393.9	0.07687	189.5	2097.1	0.002327	3.7632E-07		0.001949	22.54	

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT		THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND TSR Q
		LATA		MTIP		MTUN		LIFTQH		TORQ_QW		ROLLQH		PITCHQH		SIDEQH		DRAGQH		LOD_QS		
		LONGA		OMR		RPM		CTOS		HP		PS		RHO		VISC				CPOS		
49	82.48	4.18	0.199	0.199	0.746	0.746	5676.0	31491.4	2652.1	7001.8	-166.0	-215.7	1122.3							7.48	1122.3	
78	2.62	-2.03	0.622	0.622	0.124	0.124	5713.4	29612.7	2778.1	6373.3	-157.1	-298.7	524.1							9.06	524.1	
	2.00	2.45	698.37	698.07	394.0	394.0	0.07425	197.0	2096.6	0.002322	3.7688E-07									0.002028	22.50	
49	82.49	4.20	0.199	0.199	0.746	0.746	5760.8	31189.3	2580.7	11804.2	-166.7	-165.8	1121.4							7.17	1121.4	
39	2.63	-1.94	0.623	0.623	0.124	0.124	5798.1	29309.8	2706.8	11173.5	-157.8	-248.8	523.2							8.58	523.2	
	2.00	2.22	698.07	698.07	393.9	393.9	0.07529	195.0	2096.9	0.002326	3.7639E-07									0.002007	22.54	
49	82.49	4.20	0.199	0.199	0.746	0.746	5780.7	31023.7	2626.7	11938.2	-163.0	-166.8	1121.5							7.23	1121.5	
43	2.63	-1.94	0.622	0.622	0.124	0.124	5818.0	29144.3	2752.8	11307.5	-154.1	-249.8	523.4							8.67	523.4	
	2.00	2.22	698.06	698.06	393.9	393.9	0.07557	194.0	2097.0	0.002325	3.7647E-07									0.001997	22.54	
49	82.49	4.21	0.199	0.199	0.746	0.746	5711.0	31177.2	4686.7	9728.7	-150.1	-193.2	1122.2							7.37	1122.2	
73	2.62	-1.96	0.622	0.622	0.124	0.124	5748.4	29298.3	4812.6	9099.7	-141.1	-276.2	524.0							8.89	524.0	
	2.00	2.45	698.54	698.54	394.1	394.1	0.07465	195.1	2096.5	0.002322	3.7683E-07									0.002007	22.51	
49	82.50	4.21	0.199	0.199	0.746	0.746	5719.1	31566.4	1477.0	8837.0	-172.5	-202.9	1122.2							7.38	1122.2	
69	2.62	-1.96	0.623	0.623	0.124	0.124	5756.4	29687.4	1603.0	8207.6	-163.5	-285.9	524.0							8.90	524.0	
	2.00	2.45	698.60	698.60	394.2	394.2	0.07475	197.5	2096.4	0.002322	3.7681E-07									0.002032	22.51	
49	82.51	4.21	0.199	0.199	0.747	0.747	5697.4	31579.2	3338.1	10081.9	-160.1	-182.6	1121.4							7.17	1121.4	
30	2.62	-1.95	0.623	0.623	0.124	0.124	5734.8	29699.3	3464.3	9450.0	-151.1	-265.6	523.2							8.61	523.2	
	2.00	2.22	698.16	698.16	393.9	393.9	0.07442	197.5	2097.3	0.002327	3.7638E-07									0.002031	22.56	
49	82.52	4.20	0.199	0.199	0.747	0.747	5722.3	31769.3	2102.8	9812.8	-166.5	-189.5	1121.7							7.22	1121.7	
50	2.62	-1.95	0.623	0.623	0.124	0.124	5759.6	29889.7	2228.9	9181.8	-157.5	-272.6	523.6							8.67	523.6	
	2.00	2.45	698.43	698.43	394.1	394.1	0.07475	198.7	2096.9	0.002325	3.7657E-07									0.002043	22.55	
49	82.53	4.20	0.199	0.199	0.747	0.747	5672.0	31812.7	2044.3	9440.1	-165.3	-189.8	1122.1							7.16	1122.1	
60	2.62	-1.95	0.623	0.623	0.124	0.124	5709.3	29933.4	2170.3	8809.7	-156.3	-272.8	523.9							8.60	523.9	
	2.00	2.45	698.71	698.71	394.2	394.2	0.07409	199.1	2096.7	0.002323	3.7678E-07									0.002046	22.53	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
49	82.53	4.21	0.199	0.746	5792.9	30866.2	1617.4	12514.6	-171.1	-168.0	7.29	1122.2	
65	2.63	-1.96	0.623	0.124	5830.3	28986.9	1743.4	11884.5	-162.2	-251.0	8.75	524.0	
	2.00	2.45	698.63	394.2	0.07571	193.2	2096.6	0.002322	3.7684E-07		0.001986	22.53	
49	82.53	4.21	0.199	0.747	5869.1	30320.4	2506.8	13062.5	-165.8	-156.6	7.38	1121.2	
21	2.64	-1.94	0.623	0.124	5906.5	28440.2	2633.1	12429.8	-156.9	-239.8	8.86	523.1	
	2.00	2.22	698.38	394.0	0.07659	189.7	2097.2	0.002327	3.7629E-07		0.001948	22.58	
49	82.53	4.21	0.200	0.747	5833.5	30409	2996.3	13619.4	-161.4	-155.1	7.31	1121.1	
20	2.64	-1.94	0.623	0.124	5870.9	28528.6	3122.5	12986.4	-152.5	-238.3	8.77	523.0	
	2.00	2.22	698.24	394.0	0.07615	190.2	2097.1	0.002328	3.7624E-07		0.001955	22.58	
49	82.54	4.27	0.199	0.747	5798.2	31975.5	2709.1	9340.6	-170.5	-196.9	7.31	1121.9	
88	2.63	-1.97	0.623	0.124	5835.5	30096	2835.2	8709.7	-161.5	-280.0	8.77	523.8	
	2.00	2.53	698.76	394.2	0.07571	200.1	2096.4	0.002323	3.7669E-07		0.002056	22.54	
49	82.54	4.21	0.199	0.746	5818.2	30899.6	635.4	10615.1	-178.6	-186.9	7.48	1122.3	
67	2.64	-1.96	0.622	0.124	5855.6	29020.3	761.5	9984.8	-169.6	-269.9	9.02	524.1	
	2.00	2.45	698.61	394.2	0.07606	193.3	2096.6	0.002322	3.7688E-07		0.001989	22.53	
49	82.54	4.28	0.199	0.747	5808.1	32048.4	2659.1	9029.7	-172.0	-199.1	7.32	1121.7	
96	2.63	-1.97	0.623	0.124	5845.5	30168.6	2785.3	8398.2	-163.1	-282.2	8.79	523.6	
	2.00	2.52	698.85	394.3	0.07578	200.6	2096.3	0.002324	3.7657E-07		0.002059	22.56	
49	82.54	4.21	0.199	0.746	5632.1	31913.8	3478.5	8046.8	-158.3	-210.1	7.29	1122.3	
71	2.62	-1.96	0.622	0.124	5669.5	30034.5	3604.5	7416.4	-149.4	-293.1	8.80	524.1	
	2.00	2.45	698.61	394.2	0.07362	199.7	2096.3	0.002322	3.7687E-07		0.002054	22.53	
49	82.55	4.34	0.199	0.747	5805.8	32914.3	1534.6	7600.0	-179.4	-215.6	7.27	1122.1	
83	2.63	-2.06	0.623	0.124	5843.1	31034.8	1660.7	6969.0	-170.5	-298.6	8.72	523.9	
	2.00	2.66	698.83	394.3	0.07581	206.0	2096.4	0.002323	3.7676E-07		0.002116	22.54	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
49	82.55	4.18	0.199	0.746	5784.2	30690.8	1467.5	10042.6	-176.1	-181.1	7.45	1122.2	
76	2.63	-2.02	0.622	0.124	5821.5	28811.3	1593.6	9411.9	-167.1	-264.2	8.98	524.1	
	2.00	2.46	698.51	394.1	0.07562	192.0	2096.5	0.002322	3.7684E-07		0.001975	22.54	
49	82.56	4.27	0.199	0.747	5859.6	31116.1	1518.1	10893.4	-179.8	-182.2	7.43	1121.5	
98	2.64	-2.09	0.623	0.124	5896.9	29236	1644.3	10260.9	-170.9	-265.3	8.92	523.4	
	2.00	2.42	698.86	394.3	0.07643	194.8	2096.3	0.002325	3.7645E-07		0.001998	22.58	
49	82.56	4.21	0.200	0.747	5698.5	31937.3	2178.7	8785.1	-166.9	-197.2	7.23	1121.8	
53	2.62	-1.95	0.623	0.124	5735.9	30057.4	2304.9	8153.1	-158.0	-280.3	8.69	523.7	
	2.00	2.45	698.36	394.0	0.07447	199.8	2097.0	0.002324	3.7663E-07		0.002055	22.56	
49	82.56	4.22	0.199	0.747	5819.2	31135.7	1234.6	9782.1	-179.5	-190.1	7.46	1121.4	
100	2.63	-2.09	0.623	0.124	5856.6	29255.4	1360.8	9149.4	-170.5	-273.2	8.99	523.3	
	2.00	2.42	698.72	394.2	0.07593	194.9	2096.3	0.002326	3.7640E-07		0.002000	22.58	
49	82.57	4.21	0.199	0.747	5726.7	31329.7	2335.2	9865.4	-164.7	-186.3	7.29	1122.1	
58	2.62	-1.95	0.623	0.124	5764.1	29449.9	2461.4	9233.9	-155.7	-269.4	8.77	523.9	
	2.00	2.45	698.75	394.2	0.07480	196.1	2096.8	0.002323	3.7677E-07		0.002015	22.55	
49	82.57	4.18	0.200	0.746	5794.7	30635.9	1798.0	9887.2	-171.9	-183.9	7.50	1122.3	
77	2.63	-2.02	0.622	0.124	5832.0	28756.3	1924.1	9256.2	-162.9	-266.9	9.05	524.1	
	2.00	2.45	698.48	394.1	0.07578	191.7	2096.5	0.002322	3.7689E-07		0.001973	22.55	
49	82.57	4.27	0.199	0.747	5859.3	31745.7	1161.2	9362.8	-184.8	-192.9	7.38	1121.5	
97	2.64	-2.09	0.623	0.124	5896.7	29865.4	1287.5	8730.0	-175.8	-276.0	8.86	523.4	
	2.00	2.42	698.75	394.2	0.07645	198.7	2096.3	0.002325	3.7645E-07		0.002039	22.58	
49	82.57	4.21	0.199	0.747	5868.5	30580	922.1	11359.4	-178.6	-176.1	7.50	1122.3	
66	2.64	-1.96	0.623	0.124	5905.9	28700.3	1048.2	10728.1	-169.6	-259.1	9.03	524.1	
	2.00	2.45	698.69	394.2	0.07669	191.4	2096.6	0.002322	3.7686E-07		0.001968	22.55	

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT		THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND TSR Q
		LATA	LONGA	MTIP	OMR	MTUN	RPM	LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC	DRAGQH	LOD_QS	CPOS		
49	82.58	4.28		0.199		0.747		5823.2		31909.7		2579.5		9664.8		-171.4		-194.7		7.33	1121.8	
91	2.63	-1.97		0.623		0.124		5860.5		30029.6		2705.8		9032.6		-162.5		-277.8		8.80	523.7	
	2.00	2.53		698.83		394.3		0.07601		199.7		2096.2		0.002324		3.7663E-07				0.002051	22.57	
49	82.58	4.18		0.200		0.746		5743.6		31258.3		1573.9		8920.0		-175.7		-197.6		7.44	1122.3	
75	2.63	-2.03		0.622		0.124		5780.9		29378.5		1700.0		8288.5		-166.8		-280.6		8.97	524.1	
	2.00	2.45		698.44		394.1		0.07512		195.6		2096.5		0.002322		3.7689E-07				0.002013	22.55	
49	82.59	4.21		0.200		0.746		5743.6		31054.2		2594.2		10494.9		-165.7		-182.7		7.34	1122.0	
57	2.63	-1.95		0.622		0.124		5780.9		29174.1		2720.5		9862.7		-156.7		-265.8		8.84	523.8	
	2.00	2.46		698.33		394.0		0.07509		194.2		2096.8		0.002323		3.7671E-07				0.001999	22.57	
49	82.59	4.27		0.199		0.747		5779.3		32213.8		2505.7		8784.1		-171.3		-201.9		7.29	1121.9	
90	2.63	-1.97		0.623		0.124		5816.7		30333.7		2631.9		8151.7		-162.4		-285.0		8.75	523.8	
	2.00	2.53		698.76		394.2		0.07546		201.6		2096.3		0.002324		3.7668E-07				0.002071	22.57	
49	82.59	4.23		0.199		0.747		5773.1		31321.2		1135.0		10297.3		-177.4		-188.6		7.36	1121.3	
107	2.63	-2.09		0.623		0.124		5810.4		29440.7		1261.3		9663.8		-168.4		-271.8		8.86	523.2	
	2.00	2.43		698.72		394.2		0.07532		196.0		2096.2		0.002326		3.7638E-07				0.002012	22.60	
49	82.59	4.23		0.199		0.747		5831.7		30801.3		1389.7		11015.1		-177.6		-182.1		7.48	1121.4	
110	2.63	-2.09		0.623		0.124		5869.1		28920.8		1516.0		10381.7		-168.6		-265.3		9.00	523.3	
	2.00	2.43		698.83		394.3		0.07607		192.8		2096.1		0.002326		3.7640E-07				0.001978	22.59	
49	82.60	4.28		0.199		0.747		5848.2		31929.6		2720.2		8551.6		-171.2		-201.6		7.41	1121.8	
94	2.64	-1.97		0.623		0.124		5885.6		30049.3		2846.5		7918.6		-162.3		-284.8		8.91	523.6	
	2.00	2.52		698.88		394.3		0.07631		199.9		2096.3		0.002324		3.7659E-07				0.002051	22.59	
49	82.61	4.26		0.200		0.746		5845.1		31072.2		2056.2		9983.5		-173.2		-188.9		7.49	1122.3	
74	2.64	-2.03		0.622		0.124		5882.4		29192.1		2182.4		9351.2		-164.3		-272.0		9.03	524.1	
	2.00	2.45		698.45		394.1		0.07644		194.4		2096.5		0.002322		3.7689E-07				0.002001	22.57	

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT	THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND
		LATA	LONGA	MTIP	OMR		LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC	DRAGQH	DRAGQH	LOD_QS	CPOS	
49	82.61	4.21		0.200		0.747	5683.8		31278.1		4406.5		9259.5		-154.0		-198.0		7.38		1122.3
72	2.62	-1.96		0.622		0.124	5721.1		29398.1		4532.7		8627.2		-145.1		-281.1		8.91		524.1
	2.00	2.45		698.61		394.2	0.07429		195.7		2096.4		0.002322		3.7686E-07				0.002013		22.57
49	82.62	4.20		0.200		0.747	5752.1		31008		4624.4		8451.9		-152.4		-200.1		7.53		1122.1
61	2.63	-1.95		0.623		0.124	5789.4		29127.7		4750.7		7819.0		-143.5		-283.3		9.11		524.0
	2.00	2.45		698.71		394.2	0.07514		194.1		2096.7		0.002323		3.7679E-07				0.001995		22.58
49	82.63	4.28		0.200		0.747	5801.1		31850.9		2696.0		9494.0		-171.1		-195.7		7.33		1121.8
92	2.63	-1.97		0.623		0.124	5838.5		29970.3		2822.3		8860.3		-162.1		-278.9		8.81		523.7
	2.00	2.52		698.75		394.2	0.07573		199.4		2096.3		0.002324		3.7663E-07				0.002047		22.60
49	82.63	4.34		0.200		0.747	5838.2		32674.7		1794.6		7938.6		-177.8		-212.8		7.34		1122.0
84	2.64	-2.06		0.623		0.124	5875.6		30794.2		1920.9		7305.3		-168.8		-296.0		8.81		523.8
	2.00	2.66		698.80		394.3	0.07623		204.5		2096.2		0.002323		3.7673E-07				0.002101		22.59
49	82.63	4.23		0.200		0.747	5795.8		31238.9		1153.2		10502.7		-179.0		-185.5		7.38		1121.4
113	2.63	-2.09		0.623		0.124	5833.1		29358		1279.6		9868.1		-170.0		-268.7		8.87		523.3
	2.00	2.42		698.79		394.3	0.07562		195.5		2096.1		0.002325		3.7643E-07				0.002007		22.61
49	82.63	4.23		0.200		0.747	5818.6		31008.2		1198.1		10053.0		-179.1		-187.7		7.47		1121.3
105	2.63	-2.09		0.623		0.124	5856.0		29127.2		1324.5		9418.3		-170.1		-270.9		9.00		523.2
	2.00	2.43		698.74		394.2	0.07591		194.1		2096.1		0.002326		3.7638E-07				0.001992		22.62
49	82.63	4.23		0.200		0.747	5841.9		30867		1270.5		10917.1		-177.5		-184.4		7.49		1121.4
108	2.64	-2.09		0.623		0.124	5879.2		28986.1		1396.9		10282.5		-168.5		-267.6		9.03		523.3
	2.00	2.43		698.79		394.3	0.07621		193.2		2096.2		0.002326		3.7641E-07				0.001983		22.62
49	82.64	4.27		0.200		0.747	5769.5		32323.1		2393.0		8454.9		-172.2		-202.6		7.26		1121.8
89	2.63	-1.97		0.623		0.124	5806.9		30442.4		2519.4		7821.0		-163.2		-285.8		8.72		523.7
	2.00	2.52		698.78		394.3	0.07532		202.3		2096.3		0.002324		3.7664E-07				0.002078		22.60

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
49	82.64	4.34	0.200	0.747	5879.7	32102.7	1899.7	8643.0	-178.1	-208.1	7.47	1122.2	
82	2.64	-2.06	0.623	0.124	5917.0	30222.3	2026.0	8009.7	-169.2	-291.3	8.98	524.0	
	2.00	2.66	698.87	394.3	0.07678	201.0	2096.4	0.002322	3.7681E-07		0.002064	22.59	
49	82.64	4.22	0.200	0.747	5830.1	31093.3	1107.3	9668.2	-180.3	-191.1	7.50	1121.4	
99	2.63	-2.09	0.623	0.124	5867.5	29212.3	1233.8	9033.2	-171.3	-274.3	9.04	523.3	
	2.00	2.42	698.73	394.2	0.07607	194.6	2096.1	0.002325	3.7641E-07		0.001998	22.62	
49	82.64	4.23	0.200	0.747	5779.2	31375.6	1097.6	10022.0	-178.4	-190.4	7.38	1121.4	
109	2.63	-2.09	0.623	0.124	5816.5	29494.5	1224.0	9387.1	-169.4	-273.6	8.88	523.3	
	2.00	2.43	698.65	394.2	0.07543	196.3	2096.1	0.002325	3.7643E-07		0.002016	22.62	
49	82.65	4.21	0.200	0.747	5710.9	31639.5	2289.0	7010.2	-167.0	-217.3	7.51	1122.2	
70	2.62	-1.96	0.622	0.124	5748.3	29759	2415.3	6376.8	-158.0	-300.5	9.09	524.0	
	2.00	2.45	698.51	394.1	0.07467	198.0	2096.3	0.002322	3.7683E-07		0.002037	22.59	
49	82.65	4.22	0.200	0.747	5826.4	30976.4	1414.8	10409.0	-177.0	-185.3	7.46	1121.5	
102	2.63	-2.09	0.623	0.124	5863.7	29095.4	1541.2	9774.0	-168.1	-268.5	8.99	523.4	
	2.00	2.43	698.81	394.3	0.07602	193.9	2096.2	0.002325	3.7646E-07		0.001990	22.62	
49	82.65	4.23	0.200	0.747	5850.0	30734	1564.2	10753.5	-177.0	-183.3	7.53	1121.4	
106	2.64	-2.09	0.623	0.124	5887.4	28852.9	1690.7	10118.5	-168.0	-266.6	9.07	523.3	
	2.00	2.43	698.84	394.3	0.07631	192.4	2096.1	0.002325	3.7642E-07		0.001974	22.62	
49	82.66	4.34	0.200	0.747	5802.2	33180.6	1668.1	8199.5	-180.1	-209.4	7.17	1122.2	
81	2.63	-2.06	0.623	0.124	5839.6	31300	1794.4	7565.7	-171.2	-292.5	8.57	524.0	
	2.00	2.66	698.80	394.3	0.07579	207.7	2096.5	0.002322	3.7683E-07		0.002134	22.60	
49	82.66	4.22	0.200	0.747	5825.6	31172.8	1235.8	9569.9	-178.7	-191.6	7.48	1121.4	
101	2.63	-2.09	0.623	0.124	5863.0	29291.6	1362.3	8934.6	-169.8	-274.8	9.01	523.3	
	2.00	2.43	698.80	394.3	0.07600	195.1	2096.2	0.002325	3.7641E-07		0.002002	22.63	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
49	82.66	4.27	0.200	0.747	5800.8	31958.5	2625.5	9374.5	-170.8	-196.0	7.32	1121.8	
87	2.63	-1.97	0.623	0.124	5838.1	30077.6	2751.9	8740.1	-161.9	-279.3	8.79	523.7	
	2.00	2.53	698.74	394.2	0.07574	200.0	2096.3	0.002324	3.7664E-07		0.002054	22.61	
49	82.66	4.34	0.200	0.747	5839.6	32907.2	1588.1	7740.8	-180.3	-212.4	7.29	1122.1	
80	2.64	-2.06	0.623	0.124	5876.9	31026.4	1714.4	7106.6	-171.3	-295.6	8.73	523.9	
	2.00	2.66	698.80	394.3	0.07625	206.0	2096.5	0.002323	3.7675E-07		0.002116	22.61	
49	82.67	4.28	0.200	0.747	5764.0	32419.1	2452.8	9503.1	-171.6	-197.3	7.19	1121.7	
95	2.63	-1.97	0.623	0.124	5801.4	30537.9	2579.2	8867.9	-162.6	-280.6	8.62	523.6	
	2.00	2.52	698.99	394.4	0.07518	203.0	2096.2	0.002324	3.7657E-07		0.002082	22.63	
49	82.68	4.27	0.200	0.747	5849.5	31835.8	2549.4	8148.6	-172.5	-204.3	7.47	1122.1	
85	2.64	-1.97	0.623	0.124	5886.9	29954.9	2675.8	7514.1	-163.6	-287.5	8.99	523.9	
	2.00	2.53	698.76	394.2	0.07640	199.3	2096.3	0.002323	3.7675E-07		0.002047	22.61	
44	82.68	4.11	0.199	0.746	5674.5	30591.4	1385.3	11979.6	-162.7	-130.1	6.89	1127.4	
55	2.62	-2.03	0.623	0.124	5711.8	28710.8	1511.7	11345.6	-153.7	-213.3	8.22	528.9	
	2.01	2.23	702.11	396.1	0.07385	192.3	2102.6	0.002310	3.7955E-07		0.001960	22.49	
49	82.68	4.28	0.200	0.747	5804.9	32102.1	2471.3	9113.2	-172.6	-198.9	7.31	1121.8	
93	2.63	-1.97	0.623	0.124	5842.2	30220.8	2597.7	8477.8	-163.6	-282.1	8.78	523.7	
	2.00	2.53	698.83	394.3	0.07575	200.9	2096.4	0.002324	3.7662E-07		0.002063	22.63	
49	82.69	4.23	0.200	0.747	5816.2	31160.2	1177.2	9882.8	-178.8	-189.0	7.45	1121.4	
104	2.63	-2.09	0.623	0.124	5853.6	29278.7	1303.7	9246.6	-169.8	-272.3	8.98	523.2	
	2.00	2.43	698.84	394.3	0.07586	195.1	2096.1	0.002326	3.7639E-07		0.002001	22.65	
49	82.69	4.23	0.200	0.747	5810.8	31178.1	1252.3	10466.7	-177.4	-186.2	7.42	1121.2	
112	2.63	-2.10	0.623	0.124	5848.1	29296.4	1378.8	9830.1	-168.4	-269.5	8.93	523.1	
	2.00	2.43	698.77	394.3	0.07579	195.1	2096.2	0.002326	3.7633E-07		0.002002	22.65	

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU	MAT	THRUST	TORQ		ROLLRH	PITCHRH	SIDERH	DRAGRH	LOD_RS	CSND
		LATA	LONGA	MTIP	MTUN	LIFTQH	TORQ_QW	ROLLQH	PITCHQH	SIDEQH	DRAGQH	LOD_QS	TSR	
				OMR	RPM	CTOS	HP	PS	RHO	VISC	CPOS	Q		
49	82.69	4.18	0.200	0.746	5673.9	31715.6	1345.1	9144.6	-175.8	-195.8	7.26	1122.3		
79	2.62	-2.03	0.622	0.124	5711.3	29834.7	1471.5	8510.0	-166.9	-279.0	8.74	524.1		
	2.00	2.45	698.22	393.9	0.07425	198.3	2096.5	0.002322	3.7687E-07	0.002044	22.61			
49	82.70	4.22	0.200	0.747	5811.9	31043.7	1140.1	10231.0	-179.1	-186.5	7.45	1121.4		
103	2.63	-2.09	0.623	0.124	5849.3	29162.1	1266.6	9594.5	-170.1	-269.8	8.98	523.3		
	2.00	2.42	698.80	394.3	0.07582	194.3	2096.1	0.002325	3.7642E-07	0.001994	22.65			
49	82.70	4.23	0.200	0.747	5741.5	31800.1	905.4	9411.5	-178.0	-195.7	7.30	1121.3		
111	2.62	-2.09	0.623	0.124	5778.8	29918.3	1032.0	8774.8	-169.0	-279.0	8.78	523.2		
	2.00	2.43	698.76	394.2	0.07490	199.0	2096.1	0.002326	3.7636E-07	0.002043	22.66			
44	82.73	4.11	0.199	0.747	5753.3	30632.8	103.0	10722.7	-171.0	-129.8	6.96	1127.1		
52	2.63	-2.10	0.623	0.124	5790.7	28751.5	229.6	10086.6	-162.1	-213.1	8.30	528.7		
	2.01	2.17	702.01	396.1	0.07487	192.6	2102.5	0.002311	3.7940E-07	0.001963	22.53			
44	82.74	4.11	0.199	0.746	5747.8	30324.2	914.1	11355.5	-166.1	-124.3	6.97	1127.2		
53	2.63	-2.03	0.623	0.124	5785.1	28442.9	1040.6	10719.4	-157.1	-207.6	8.32	528.7		
	2.01	2.17	701.93	396.0	0.07482	190.6	2102.5	0.002311	3.7945E-07	0.001944	22.53			
44	82.74	4.20	0.199	0.747	5846.8	30760.9	-486.8	9754.5	-180.2	-144.7	7.14	1127.6		
58	2.64	-2.22	0.623	0.124	5884.1	28879.8	-360.2	9119.2	-171.2	-227.9	8.53	529.1		
	2.01	2.38	702.39	396.3	0.07606	193.5	2102.5	0.002309	3.7965E-07	0.001970	22.52			
44	82.74	4.14	0.199	0.747	5719.9	30923.8	1610.5	10590.7	-169.7	-164.1	7.17	1126.2		
40	2.63	-2.06	0.623	0.124	5757.2	29041.6	1737.2	9952.2	-160.8	-247.5	8.61	527.7		
	2.01	2.24	701.57	395.8	0.07441	194.3	2102.8	0.002315	3.7890E-07	0.001981	22.58			
49	82.75	4.27	0.200	0.747	5735.5	32486.7	2322.5	8891.5	-171.4	-200.2	7.18	1121.9		
86	2.62	-1.97	0.623	0.124	5772.9	30604.9	2449.1	8254.7	-162.4	-283.5	8.62	523.8		
	2.00	2.52	698.72	394.2	0.07489	203.3	2096.4	0.002324	3.7667E-07	0.002089	22.66			

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
64	82.75	4.28	0.198	0.746	5860.5	30571	2203.3	12139.3	-150.2	-158.2	7.28	1130.9	
33	2.65	-1.94	0.623	0.123	5897.9	28698.1	2327.8	11525.7	-141.3	-240.4	8.71	532.2	
	2.00	2.16	704.43	397.4	0.07668	192.9	2096.4	0.002282	3.8136E-07		0.001969	22.26	
44	82.76	4.19	0.199	0.747	5863.6	30453	1692.6	11026.0	-164.9	-128.5	7.09	1127.5	
56	2.64	-2.03	0.623	0.124	5900.9	28571.6	1819.2	10389.9	-155.9	-211.8	8.45	529.0	
	2.01	2.23	702.34	396.3	0.07628	191.5	2102.5	0.002310	3.7959E-07		0.001951	22.53	
44	82.77	4.19	0.199	0.747	5838.6	30513.6	1293.0	11707.0	-169.6	-137.6	7.14	1126.5	
46	2.64	-2.03	0.623	0.124	5875.9	28631.4	1419.7	11068.7	-160.7	-221.0	8.52	528.1	
	2.01	2.32	701.90	396.0	0.07593	191.8	2102.5	0.002314	3.7908E-07		0.001954	22.57	
44	82.77	4.11	0.199	0.746	5756.2	30176.6	1363.7	10425.7	-164.7	-137.7	7.13	1127.4	
54	2.63	-2.03	0.623	0.124	5793.5	28295	1490.4	9788.9	-155.8	-221.0	8.54	528.8	
	2.01	2.23	701.97	396.1	0.07493	189.7	2102.6	0.002310	3.7951E-07		0.001934	22.54	
44	82.79	4.20	0.199	0.746	5850.3	30459.9	1239.2	12371.0	-161.2	-114.0	6.95	1128.3	
68	2.64	-2.05	0.623	0.124	5887.6	28579	1365.7	11736.1	-152.2	-197.3	8.26	529.7	
	2.01	2.36	702.58	396.4	0.07619	191.6	2102.2	0.002306	3.8000E-07		0.001953	22.51	
44	82.81	4.20	0.199	0.747	5823.2	31042.4	-791.2	8695.7	-181.4	-149.7	7.11	1127.7	
61	2.64	-2.22	0.623	0.124	5860.5	29160.7	-664.6	8058.6	-172.4	-233.0	8.49	529.2	
	2.01	2.38	702.74	396.5	0.07569	195.4	2102.5	0.002309	3.7968E-07		0.001987	22.55	
44	82.83	4.20	0.199	0.747	5808.0	30898.3	-628.3	9790.0	-179.9	-145.2	7.09	1127.5	
57	2.64	-2.22	0.623	0.124	5845.3	29016.3	-501.6	9152.0	-170.9	-228.6	8.47	529.0	
	2.01	2.38	702.38	396.3	0.07555	194.3	2102.4	0.002310	3.7959E-07		0.001979	22.57	
44	82.84	4.20	0.199	0.747	5690.8	31731.6	126.2	8982.3	-170.4	-148.7	6.84	1127.8	
66	2.62	-2.13	0.623	0.124	5728.2	29849.6	252.9	8344.7	-161.5	-232.0	8.14	529.2	
	2.01	2.45	702.65	396.4	0.07400	199.7	2102.5	0.002308	3.7973E-07		0.002032	22.56	

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT		THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSNR TSR Q
		LATA	LONGA	MTIP	OMR	RPM	CTOS	TORQ_QW	HP	PS	RHO	VISC	DRAGQH	LOD_QS	CPOS							
44	82.84	4.20	0.199	0.199	0.747	0.747	5773.4	31304.3	314.4	8638.4	-171.2	-150.0	7.01	1127.8								
65	2.63	-2.13	0.623	0.623	0.124	0.124	5810.7	29422.3	441.1	8000.5	-162.3	-233.4	8.37	529.2								
	2.01	2.45	702.70	396.5	0.07507	0.07507	197.0	2102.4	0.002308	3.7972E-07	0.002004	22.57										
44	82.85	4.14	0.199	0.199	0.747	0.747	5758.0	30669.7	2155.5	11437.0	-166.0	-157.5	7.21	1126.1								
38	2.63	-2.06	0.623	0.623	0.124	0.124	5795.3	28786.3	2282.4	10795.5	-157.1	-241.0	8.66	527.7								
	2.01	2.16	701.45	395.8	0.07492	0.07492	192.6	2102.8	0.002316	3.7887E-07	0.001965	22.64										
44	82.85	4.11	0.199	0.199	0.746	0.746	5683.9	30929.8	-155.5	10928.0	-171.1	-129.3	6.84	1127.1								
51	2.62	-2.10	0.623	0.623	0.124	0.124	5721.2	29047.2	-28.7	10288.7	-162.1	-212.7	8.15	528.6								
	2.01	2.17	701.73	395.9	0.07402	0.07402	194.4	2102.5	0.002311	3.7939E-07	0.001983	22.59										
44	82.86	4.14	0.199	0.199	0.747	0.747	5702.0	31187.3	1721.6	10129.7	-167.4	-164.6	7.11	1126.1								
39	2.62	-2.06	0.623	0.623	0.124	0.124	5739.3	29303.8	1848.5	9487.7	-158.4	-248.2	8.53	527.6								
	2.01	2.15	701.71	395.9	0.07413	0.07413	196.0	2102.7	0.002316	3.7883E-07	0.001996	22.64										
44	82.86	4.19	0.199	0.199	0.747	0.747	5839.4	30641.4	1130.0	12249.1	-161.1	-113.2	6.90	1128.3								
70	2.64	-2.05	0.623	0.623	0.124	0.124	5876.7	28759.7	1256.6	11612.1	-152.1	-196.5	8.19	529.7								
	2.01	2.34	702.69	396.5	0.07603	0.07603	192.8	2102.2	0.002306	3.8000E-07	0.001964	22.55										
44	82.87	4.19	0.199	0.199	0.747	0.747	5696.4	31776.4	945.6	10400.4	-168.2	-150.0	6.86	1126.6								
45	2.62	-2.03	0.623	0.623	0.124	0.124	5733.7	29893.3	1072.5	9759.4	-159.3	-233.5	8.17	528.1								
	2.01	2.32	701.83	396.0	0.07410	0.07410	199.7	2102.5	0.002313	3.7911E-07	0.002035	22.63										
44	82.88	4.20	0.199	0.199	0.747	0.747	5827.5	30957.1	323.7	8923.6	-173.4	-148.3	7.12	1127.7								
62	2.64	-2.13	0.623	0.623	0.124	0.124	5864.8	29074.7	450.4	8284.6	-164.4	-231.7	8.51	529.2								
	2.01	2.39	702.73	396.5	0.07575	0.07575	194.8	2102.5	0.002309	3.7969E-07	0.001981	22.59										
42	82.88	4.61	0.201	0.201	0.746	0.746	5715.3	36437.3	-81.2	8820.6	-174.9	-179.8	7.16	1121.1								
27	1.50	-2.18	0.621	0.621	0.125	0.125	5757.1	34544.1	23.0	8232.3	-166.6	-265.2	8.63	523.0								
	0.90	2.56	696.19	392.8	0.07463	0.07463	227.2	2106.1	0.002341	3.7623E-07	0.002343	22.90										

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
44	82.91	4.20	0.199	0.746	5772.8	31082	975.0	10486.4	-160.9	-129.0	6.89	1128.6	
79	2.63	-2.06	0.623	0.124	5810.2	29200.1	1101.7	9848.8	-151.9	-212.3	8.19	530.0	
	2.01	2.46	702.58	396.4	0.07522	195.6	2101.9	0.002305	3.8014E-07		0.001994	22.56	
44	82.91	4.20	0.199	0.747	5774.4	31321.5	-898.3	8773.0	-180.5	-150.8	7.02	1127.7	
60	2.63	-2.22	0.623	0.124	5811.7	29438.7	-771.4	8133.1	-171.5	-234.3	8.38	529.2	
	2.01	2.38	702.77	396.5	0.07505	197.1	2102.5	0.002309	3.7969E-07		0.002004	22.61	
44	82.92	4.20	0.199	0.747	5684.2	31976.4	21.4	7755.4	-170.5	-158.5	6.87	1127.7	
64	2.62	-2.13	0.623	0.124	5721.5	30093.6	148.3	7115.4	-161.6	-242.0	8.19	529.2	
	2.01	2.45	702.65	396.4	0.07391	201.2	2102.5	0.002309	3.7970E-07		0.002047	22.61	
42	82.98	4.67	0.201	0.746	5737.9	36575.4	1738.3	8633.2	-159.9	-179.7	7.16	1121.2	
29	1.51	-1.98	0.621	0.125	5779.7	34681.3	1842.7	8042.2	-151.5	-265.2	8.63	523.0	
	0.90	2.63	696.04	392.7	0.07497	228.0	2106.1	0.002341	3.7628E-07		0.002353	22.96	
42	82.99	4.67	0.201	0.746	5718.2	36779.9	1612.6	8511.2	-161.3	-180.3	7.10	1121.1	
28	1.50	-1.98	0.621	0.125	5760.1	34885.6	1717.0	7919.7	-152.9	-265.8	8.55	523.0	
	0.90	2.63	696.07	392.7	0.07470	229.3	2106.1	0.002341	3.7627E-07		0.002366	22.96	
61	83.01	4.30	0.197	0.746	5820.2	32379.4	1513.2	7578.1	-164.5	-186.0	7.07	1140.9	
42	2.65	-2.04	0.623	0.123	5857.6	30507	1637.6	6965.9	-155.6	-268.2	8.42	541.6	
	2.00	2.58	711.34	401.3	0.07567	206.3	2103.2	0.002253	3.8656E-07		0.002073	22.11	
45	83.13	4.26	0.198	0.746	5878.6	31956	-1576.4	9504.4	-187.4	-107.4	6.62	1136.6	
51	2.65	-2.31	0.623	0.123	5916.0	30079.1	-1450.9	8880.7	-178.5	-190.1	7.78	537.6	
	2.00	2.69	707.64	399.3	0.07672	202.5	2098.2	0.002268	3.8432E-07		0.002053	22.32	
61	83.15	4.70	0.197	0.746	5833.5	37021.9	1603.2	9643.3	-169.5	-157.7	6.84	1140.6	
46	1.54	-2.06	0.624	0.123	5875.5	35143.3	1704.7	9093.7	-161.2	-241.4	8.12	541.4	
	0.90	2.47	711.21	401.3	0.07589	235.8	2102.9	0.002253	3.8641E-07		0.002371	22.18	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND
											LOD_QS	CPOS	
61	83.16	4.71	0.197	0.746	5900.1	36299.1	1985.4	11025.8	-167.9	-147.9	6.97	1140.6	
49	1.55	-2.06	0.623	0.123	5942.1	34420.4	2087.0	10476.0	-159.6	-231.5	8.30	541.3	
	0.90	2.48	711.14	401.2	0.07677	231.2	2102.7	0.002252	3.8639E-07		0.002325	22.19	
45	83.17	4.15	0.198	0.746	5894.4	30491.6	352.9	11071.2	-175.3	-87.8	6.76	1136.0	
35	2.65	-2.03	0.623	0.123	5931.8	28613.8	478.7	10445.0	-166.4	-170.6	7.98	537.0	
	2.00	2.23	707.61	399.2	0.07684	193.2	2098.7	0.002271	3.8401E-07		0.001957	22.37	
45	83.22	4.15	0.199	0.746	5765.5	30884.8	3270.2	10665.0	-155.5	-93.3	6.62	1135.9	
32	2.63	-2.03	0.623	0.123	5802.8	29006.3	3396.0	10037.1	-146.6	-176.2	7.82	536.9	
	2.00	2.23	707.14	399.0	0.07524	195.6	2098.8	0.002271	3.8395E-07		0.001985	22.40	
45	83.22	4.26	0.198	0.746	5738.3	32951	3271.6	6283.2	-162.1	-126.1	6.46	1136.5	
48	2.63	-2.05	0.623	0.123	5775.6	31073	3397.4	5656.5	-153.2	-209.0	7.60	537.5	
	2.00	2.25	707.71	399.3	0.07486	208.9	2098.4	0.002268	3.8426E-07		0.002117	22.38	
45	83.24	4.15	0.199	0.746	5858.0	30070.2	2642.7	12395.3	-161.8	-77.9	6.74	1135.9	
33	2.64	-2.03	0.623	0.124	5895.3	28191.6	2768.6	11766.9	-152.9	-160.8	7.96	536.9	
	2.00	2.23	707.17	399.0	0.07644	190.5	2098.7	0.002271	3.8397E-07		0.001932	22.41	
45	83.24	4.15	0.199	0.746	5776.0	30663.1	3665.5	9440.4	-155.3	-102.4	6.75	1135.8	
31	2.63	-2.03	0.623	0.124	5813.4	28784.3	3791.5	8811.6	-146.3	-185.4	7.99	536.8	
	2.00	2.24	707.05	398.9	0.07539	194.2	2098.8	0.002271	3.8392E-07		0.001971	22.42	
45	83.25	4.15	0.199	0.746	5707.4	31693.8	3296.7	5906.3	-154.0	-130.6	6.70	1136.4	
46	2.62	-1.94	0.623	0.123	5744.7	29815.5	3422.5	5278.7	-145.0	-213.5	7.94	537.4	
	2.00	2.30	707.69	399.3	0.07446	200.9	2098.4	0.002269	3.8424E-07		0.002036	22.40	
45	83.25	4.15	0.199	0.746	5843.9	30909	-398.9	11534.8	-177.6	-87.1	6.64	1136.1	
36	2.64	-2.04	0.623	0.124	5881.2	29030.3	-273.0	10906.3	-168.7	-170.1	7.82	537.1	
	2.00	2.23	707.72	399.3	0.07617	195.9	2098.6	0.002270	3.8406E-07		0.001984	22.41	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
45	83.26	4.15	0.199	0.746	5797.3	31165.1	-371.0	8476.1	-178.4	-115.9	6.77	1136.2	
38	2.63	-2.04	0.623	0.124	5834.7	29286.4	-245.0	7847.7	-169.4	-198.8	8.02	537.2	
	2.00	2.35	707.72	399.3	0.07559	197.5	2098.7	0.002270	3.8413E-07		0.002001	22.41	
45	83.26	4.15	0.199	0.746	5691.3	31429.3	4595.0	8673.7	-144.8	-111.3	6.59	1136.3	
43	2.62	-1.94	0.623	0.124	5728.6	29550.8	4720.9	8045.6	-135.9	-194.2	7.79	537.3	
	2.00	2.30	707.60	399.2	0.07426	199.2	2098.5	0.002269	3.8419E-07		0.002019	22.41	
45	83.27	4.11	0.199	0.746	5704.0	31006.3	1338.1	8820.2	-160.6	-116.5	6.72	1136.7	
53	2.62	-1.96	0.623	0.123	5741.4	29128.1	1464.0	8192.9	-151.6	-199.4	7.97	537.7	
	2.00	2.69	708.00	399.5	0.07439	196.6	2098.0	0.002267	3.8439E-07		0.001991	22.39	
45	83.27	4.15	0.199	0.746	5631.4	32221.8	2077.3	6044.0	-161.2	-132.5	6.55	1136.2	
40	2.62	-1.95	0.623	0.124	5668.8	30343.1	2203.2	5415.5	-152.2	-215.4	7.75	537.2	
	2.00	2.30	707.70	399.3	0.07343	204.2	2098.5	0.002270	3.8413E-07		0.002069	22.41	
45	83.29	4.27	0.199	0.746	5938.1	31169.8	-1220.1	11191.4	-186.9	-90.3	6.70	1136.6	
50	2.65	-2.31	0.623	0.124	5975.4	29291.3	-1094.3	10563.3	-177.9	-173.2	7.88	537.5	
	2.00	2.45	707.61	399.2	0.07751	197.5	2098.2	0.002268	3.8431E-07		0.002003	22.41	
45	83.29	4.15	0.199	0.747	5885.2	30650.8	-560.5	10263.4	-181.5	-95.5	6.79	1136.1	
37	2.64	-2.04	0.623	0.124	5922.5	28771.8	-434.5	9634.0	-172.5	-178.5	8.02	537.1	
	2.00	2.23	707.72	399.3	0.07671	194.3	2098.6	0.002270	3.8406E-07		0.001967	22.43	
45	83.30	4.15	0.199	0.747	5771.6	31282.7	1433.8	7783.9	-167.3	-120.6	6.76	1136.2	
39	2.63	-1.95	0.623	0.124	5809.0	29403.7	1559.8	7154.5	-158.3	-203.6	8.01	537.2	
	2.00	2.33	707.80	399.4	0.07523	198.3	2098.6	0.002270	3.8413E-07		0.002008	22.43	
45	83.33	4.15	0.199	0.746	5650.2	31975.2	3837.0	6400.9	-152.8	-128.9	6.59	1136.5	
47	2.62	-1.94	0.623	0.124	5687.5	30096.1	3963.0	5771.1	-143.8	-211.9	7.80	537.4	
	2.00	2.30	707.59	399.2	0.07374	202.6	2098.4	0.002269	3.8426E-07		0.002055	22.44	

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT		THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND TSR Q
		LATA	LONGA	MTIP	OMR	MTUN	RPM	LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC	DRAGQH	CPOS	LOD_QS		
45	83.36	4.15	0.199	0.199	0.746	0.746	5677.3	31707.6	3438.1	6953.2	-153.0	-125.6	1136.4									
44	2.62	-1.94	0.623	0.623	0.124	0.124	5714.6	29828.1	3564.2	6322.5	-144.0	-208.7	537.4									
	2.00	2.30	707.54	707.54	399.2	399.2	0.07409	200.9	2098.4	0.002269	3.8421E-07	0.002037	22.46									
45	83.37	4.11	0.199	0.199	0.746	0.746	5751.7	31035.4	936.9	8318.0	-164.9	-116.9	1136.7									
52	2.63	-1.96	0.623	0.623	0.124	0.124	5789.1	29156.1	1063.0	7687.9	-155.9	-199.9	537.6									
	2.00	2.69	707.71	707.71	399.3	399.3	0.07506	196.7	2098.0	0.002267	3.8435E-07	0.001994	22.44									
45	83.37	4.15	0.199	0.199	0.747	0.747	5661.4	31875	3183.5	6742.4	-154.9	-127.5	1136.2									
41	2.62	-1.94	0.623	0.623	0.124	0.124	5698.8	29995.3	3309.7	6111.0	-145.9	-210.6	537.2									
	2.00	2.30	707.70	707.70	399.3	399.3	0.07381	202.0	2098.5	0.002270	3.8411E-07	0.002046	22.47									
61	83.61	1.40	0.199	0.199	0.747	0.747	3000.3	22315.3	213.5	12387.3	-92.4	-133.5	1140.4									
22	2.33	-1.14	0.623	0.623	0.124	0.124	3037.7	20436	339.5	11757.1	-83.5	-216.5	541.2									
	2.00	0.80	710.58	710.58	400.9	400.9	0.03905	142.0	2103.2	0.002255	3.8632E-07	0.001430	22.46									
61	83.68	4.21	0.199	0.199	0.747	0.747	5752.0	31784.5	656.7	8554.1	-169.0	-179.6	1139.6									
13	2.63	-2.05	0.623	0.623	0.124	0.124	5789.3	29903.9	783.0	7920.4	-160.1	-262.8	540.4									
	2.00	2.51	709.91	709.91	400.5	400.5	0.07490	202.1	2103.0	0.002259	3.8590E-07	0.002038	22.52									
61	83.72	4.21	0.199	0.199	0.747	0.747	5757.7	31794.3	723.2	9218.1	-168.1	-175.4	1139.7									
14	2.63	-2.05	0.623	0.623	0.124	0.124	5795.1	29913.3	849.6	8583.3	-159.1	-258.6	540.5									
	2.00	2.52	709.86	709.86	400.5	400.5	0.07499	202.2	2103.0	0.002258	3.8591E-07	0.002039	22.55									
61	83.75	4.27	0.199	0.199	0.747	0.747	5799.9	31709.1	841.1	9878.8	-166.2	-169.6	1139.9									
18	2.63	-2.05	0.623	0.623	0.124	0.124	5837.2	29828.1	967.6	9243.8	-157.3	-252.8	540.7									
	2.00	2.52	709.97	709.97	400.6	400.6	0.07555	201.7	2103.0	0.002257	3.8606E-07	0.002034	22.55									
61	83.77	4.21	0.199	0.199	0.747	0.747	5699.0	32215.1	437.3	8641.2	-168.8	-179.4	1139.6									
15	2.62	-2.05	0.623	0.623	0.124	0.124	5736.3	30333.5	563.9	8004.8	-159.8	-262.7	540.4									
	2.00	2.52	709.85	709.85	400.5	400.5	0.07422	204.8	2103.0	0.002259	3.8589E-07	0.002066	22.58									

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT MTUN RPM	THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSNN TSR Q
		LATA LONGA	OMR	MTIP	CTOS		TORQ_QW HP	ROLLQH PS	PITCHQH RHO	SIDEQH VISC	DRAGQH	CPOS									
												LOD_QS	Q								
61	83.81	4.29	0.199	0.199	0.747	5902.1	31058.9	1507.9	10364.8	-165.3	1139.5										
12	2.64	-2.05	0.623	0.623	0.124	5939.5	29176.8	1634.5	9727.1	-156.3	540.3										
	2.00	2.52	709.48	709.80	400.3	0.07694	197.4	2103.0	0.002259	3.8585E-07	22.60										
61	83.83	4.26	0.199	0.199	0.747	5830.1	31590.2	792.4	8408.0	-167.8	1140.0										
19	2.63	-2.04	0.623	0.623	0.124	5867.4	29708.3	919.0	7770.9	-158.8	540.8										
	2.00	2.52	709.80	709.80	400.5	0.07599	200.8	2103.0	0.002257	3.8609E-07	22.59										
61	83.84	4.27	0.199	0.199	0.747	5822.8	31296.9	1114.9	10369.4	-165.6	1139.8										
17	2.63	-2.06	0.623	0.623	0.124	5860.1	29414.7	1241.5	9731.5	-156.6	540.6										
	2.00	2.51	709.70	709.70	400.4	0.07588	199.0	2103.0	0.002258	3.8600E-07	22.60										
61	83.93	4.26	0.200	0.200	0.747	5770.2	31720.1	921.4	9645.1	-166.0	1140.3										
20	2.63	-2.04	0.623	0.623	0.124	5807.5	29837.4	1048.2	9005.8	-157.1	541.0										
	2.00	2.51	709.85	709.85	400.5	0.07524	201.7	2102.9	0.002256	3.8624E-07	22.63										
61	84.02	3.06	0.200	0.200	0.747	4692.7	26023.6	-220.8	11468.3	-136.0	1140.6										
24	2.51	-1.76	0.623	0.623	0.124	4730.0	24140.2	-94.0	10827.2	-127.0	541.3										
	2.00	1.75	710.64	710.64	401.0	0.06109	165.7	2102.9	0.002255	3.8639E-07	22.67										
61	84.15	4.26	0.200	0.200	0.747	5793.8	31342.6	4066.2	11268.9	-143.5	1140.8										
32	2.63	-1.79	0.623	0.623	0.124	5831.1	29458.1	4193.2	10624.7	-134.5	541.5										
	2.00	2.41	710.50	710.50	400.9	0.07549	199.5	2102.7	0.002253	3.8649E-07	22.72										
61	84.23	4.27	0.200	0.200	0.747	5851.6	31154.2	4146.5	10929.4	-144.1	1140.9										
41	2.63	-1.80	0.623	0.623	0.124	5888.9	29269	4273.6	10283.3	-135.1	541.7										
	2.00	2.40	710.61	710.61	400.9	0.07626	198.3	2102.6	0.002252	3.8658E-07	22.76										
61	84.24	4.26	0.200	0.200	0.747	5817.7	31257.1	3940.0	10613.8	-145.3	1140.8										
34	2.63	-1.79	0.623	0.623	0.124	5855.0	29371.7	4067.1	9967.2	-136.4	541.6										
	2.00	2.41	710.63	710.63	400.9	0.07579	199.0	2102.7	0.002253	3.8653E-07	22.77										

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
61	84.24	4.69	0.200	0.747	6304.3	33540.3	1991.5	8055.3	-174.5	-174.1	7.26	1140.7	
26	2.68	-2.11	0.623	0.124	6341.6	31654.7	2118.7	7408.0	-165.6	-257.9	8.58	541.5	
	2.00	2.71	710.35	400.8	0.08216	213.4	2102.8	0.002254	3.8646E-07		0.002152	22.78	
61	84.25	5.31	0.200	0.747	6897.5	36985.7	1965.0	11253.5	-197.8	-148.0	6.90	1140.8	
28	2.74	-2.32	0.623	0.124	6934.7	35100	2092.2	10606.2	-188.9	-231.8	7.97	541.5	
	2.00	2.93	710.49	400.9	0.08987	235.4	2102.7	0.002253	3.8648E-07		0.002373	22.78	
61	84.27	6.14	0.200	0.747	7640.9	43602	1391.1	9551.8	-237.2	-176.5	6.60	1140.8	
30	2.82	-2.64	0.623	0.124	7678.2	41716.2	1518.3	8904.0	-228.2	-260.3	7.46	541.5	
	2.00	3.55	710.39	400.8	0.09959	277.4	2102.7	0.002253	3.8648E-07		0.002798	22.79	
57	103.99	7.01	0.249	0.777	5778.1	62927	4974.8	8929.0	-144.3	-102.6	7.82	1133.7	
74	-3.60	-1.56	0.623	0.155	5838.4	60799.2	4696.0	7757.7	-133.7	-213.0	10.02	534.8	
	-4.01	4.15	706.06	398.4	0.07540	397.9	2097.7	0.002278	3.8278E-07		0.004043	35.09	
57	104.03	7.01	0.249	0.777	5788.8	62818.8	4922.9	8595.0	-145.6	-105.6	7.90	1133.7	
73	-3.60	-1.56	0.623	0.155	5849.0	60690.5	4642.9	7421.5	-134.9	-216.1	10.15	534.8	
	-4.01	4.15	705.99	398.3	0.07556	397.2	2097.7	0.002278	3.8282E-07		0.004037	35.11	
57	104.12	7.01	0.249	0.778	5773.3	63113.9	3440.9	8207.6	-155.8	-109.3	7.86	1133.8	
77	-3.61	-1.70	0.623	0.155	5833.6	60984.8	3158.3	7029.0	-145.1	-219.9	10.09	534.9	
	-4.01	4.22	706.08	398.4	0.07536	399.1	2097.7	0.002278	3.8287E-07		0.004056	35.17	
57	104.14	7.03	0.249	0.778	5699.7	63885.6	2002.7	6617.8	-165.9	-128.1	7.74	1133.8	
83	-3.61	-1.78	0.623	0.155	5759.9	61756.3	1719.4	5438.0	-155.2	-238.7	9.93	534.9	
	-4.01	4.37	706.08	398.4	0.07439	404.0	2097.5	0.002278	3.8286E-07		0.004105	35.18	
57	104.15	7.03	0.249	0.777	5736.9	63725.7	2143.3	5451.4	-166.2	-136.9	7.95	1133.8	
81	-3.61	-1.77	0.623	0.155	5797.1	61596.3	1859.7	4271.0	-155.5	-247.5	10.26	534.9	
	-4.01	4.37	705.96	398.3	0.07490	402.9	2097.6	0.002278	3.8288E-07		0.004096	35.19	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
57	104.16	7.01	0.249	0.778	5729.1	63092.1	4716.0	8780.0	-145.7	-104.7	7.73	1133.6	
75	-3.61	-1.56	0.623	0.155	5789.3	60962.4	4431.8	7598.3	-135.0	-215.2	9.90	534.8	
	-4.01	4.15	705.95	398.3	0.07478	398.9	2097.6	0.002278	3.8278E-07		0.004055	35.20	
57	104.16	7.01	0.249	0.778	5735.2	63086.6	4560.5	8510.8	-147.3	-104.1	7.74	1133.6	
76	-3.61	-1.59	0.623	0.155	5795.4	60956.9	4276.2	7329.0	-136.6	-214.7	9.90	534.7	
	-4.01	4.15	706.03	398.4	0.07484	398.9	2097.6	0.002278	3.8277E-07		0.004053	35.20	
57	104.17	7.02	0.249	0.777	5767.5	63162.3	3055.8	8221.7	-160.8	-110.0	7.85	1133.8	
79	-3.61	-1.72	0.623	0.155	5827.7	61032.7	2771.8	7040.4	-150.1	-220.5	10.07	534.9	
	-4.01	4.23	705.92	398.3	0.07531	399.4	2097.5	0.002278	3.8286E-07		0.004061	35.20	
57	104.21	7.03	0.249	0.778	5744.4	63765.6	2084.1	5951.5	-166.1	-132.1	7.91	1133.8	
82	-3.61	-1.77	0.623	0.155	5804.6	61635.6	1798.8	4767.9	-155.4	-242.7	10.19	535.0	
	-4.01	4.37	706.08	398.4	0.07498	403.2	2097.5	0.002277	3.8289E-07		0.004098	35.22	
57	104.23	7.03	0.249	0.778	5747.5	63661.6	2119.0	6288.5	-166.4	-130.5	7.93	1133.8	
80	-3.61	-1.77	0.623	0.155	5807.6	61531.3	1832.9	5103.4	-155.6	-241.1	10.21	534.9	
	-4.01	4.37	706.10	398.4	0.07500	402.6	2097.5	0.002278	3.8284E-07		0.004091	35.24	
57	104.27	7.03	0.249	0.778	5728.7	63786.9	2226.2	6364.5	-165.3	-130.1	7.86	1133.8	
84	-3.61	-1.78	0.623	0.155	5788.8	61656.2	1938.9	5177.1	-154.5	-240.7	10.11	534.9	
	-4.01	4.37	706.02	398.3	0.07478	403.4	2097.4	0.002278	3.8287E-07		0.004100	35.27	
57	104.27	7.03	0.249	0.778	5762.1	63545.7	2448.1	6728.6	-166.6	-127.0	7.95	1134.0	
85	-3.61	-1.77	0.623	0.155	5822.3	61415.1	2161.3	5542.0	-155.9	-237.6	10.25	535.1	
	-4.01	4.37	706.04	398.4	0.07524	401.8	2097.5	0.002277	3.8296E-07		0.004085	35.26	
57	104.28	7.01	0.249	0.778	5771.8	63022	3047.7	8594.7	-159.9	-108.6	7.89	1133.8	
78	-3.61	-1.72	0.623	0.155	5832.0	60891.2	2760.2	7406.7	-149.1	-219.2	10.13	535.0	
	-4.01	4.22	706.11	398.4	0.07534	398.5	2097.5	0.002277	3.8288E-07		0.004050	35.27	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
54	122.85	10.13	0.299	0.808	5787.8	105228	5149.4	10447.7	-130.8	-100.7	7.94	1114.5	
25	-8.83	-1.57	0.623	0.186	5921.6	102792	4549.6	9174.7	-125.8	-258.1	11.59	516.8	
	-9.11	6.04	693.90	391.5	0.07584	654.0	2088.5	0.002348	3.7280E-07		0.006789	50.47	
54	122.89	10.13	0.299	0.809	5830.7	105550	5309.6	9858.8	-129.4	-105.1	8.07	1113.8	
18	-8.83	-1.57	0.623	0.186	5967.5	103108	4706.4	8618.0	-124.1	-263.5	11.86	516.2	
	-9.11	6.04	694.05	391.6	0.07629	656.1	2088.1	0.002350	3.7245E-07		0.006800	50.55	
54	122.96	10.13	0.299	0.808	5761.2	104946	7728.1	9409.7	-115.6	-111.2	8.04	1114.8	
26	-8.83	-1.56	0.623	0.186	5896.8	102507	7126.3	8155.9	-110.5	-269.2	11.85	517.1	
	-9.11	6.04	693.96	391.5	0.07554	652.3	2088.2	0.002346	3.7296E-07		0.006775	50.52	
54	122.97	10.13	0.299	0.809	5423.0	103426	3013.4	2843.8	-131.9	-172.2	7.90	1113.9	
19	-8.85	-1.57	0.623	0.186	5561.7	100981	2408.0	1624.2	-126.4	-331.4	11.96	516.3	
	-9.11	6.06	694.13	391.6	0.07095	643.0	2088.2	0.002350	3.7251E-07		0.006662	50.61	
54	122.99	10.12	0.299	0.809	5649.3	105443	5658.7	6732.3	-130.5	-125.1	7.72	1115.7	
34	-8.84	-1.60	0.623	0.186	5782.8	103007	5059.3	5455.6	-125.6	-282.3	11.26	518.0	
	-9.11	6.05	695.03	392.1	0.07398	656.4	2088.0	0.002342	3.7345E-07		0.006798	50.46	
54	123.02	10.14	0.299	0.809	6313.0	108040	7950.7	19510.0	-128.0	7.0	7.95	1114.3	
23	-8.80	-1.57	0.623	0.186	6452.0	105593	7345.0	18293.2	-122.5	-152.3	11.23	516.7	
	-9.11	6.01	693.87	391.5	0.08272	671.5	2088.4	0.002348	3.7274E-07		0.006970	50.62	
54	123.03	10.13	0.299	0.809	5699.6	105310	10651.3	8695.4	-95.4	-121.2	7.89	1114.6	
27	-8.83	-1.56	0.623	0.186	5837.5	102866	10046.8	7467.0	-90.0	-280.1	11.64	517.0	
	-9.11	6.04	693.98	391.6	0.07471	654.6	2088.1	0.002347	3.7288E-07		0.006797	50.59	
54	123.04	10.07	0.300	0.809	5003.2	100636	1064.7	-5297.5	-128.6	-255.0	8.04	1113.5	
13	-8.87	-1.52	0.623	0.186	5145.3	98183.9	455.5	-6480.9	-122.8	-415.5	12.91	515.9	
	-9.11	6.09	693.20	391.1	0.06559	624.8	2088.1	0.002352	3.7228E-07		0.006496	50.71	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS LOD_QS CPOS	CSND TSR Q
54	123.05	10.27	0.299	0.808	5891.2	108510	-273.5	8746.7	-167.6	-91.3	7.58	1116.9
57	-8.82	-1.68	0.623	0.186	6022.9	106078	-870.8	7450.4	-162.8	-247.8	10.75	519.1
	-9.11	5.96	695.29	392.3	0.07726	675.7	2087.9	0.002337	3.7409E-07		0.007007	50.40
54	123.08	10.08	0.300	0.809	5624.6	103825	4831.3	8223.6	-126.5	-122.9	7.98	1113.2
11	-8.84	-1.52	0.623	0.186	5768.6	101368	4220.0	7060.9	-120.5	-284.1	11.98	515.7
	-9.11	6.05	693.30	391.2	0.07367	644.7	2088.1	0.002353	3.7214E-07		0.006696	50.76
54	123.09	10.13	0.299	0.809	5775.3	105137	4728.6	9621.8	-133.6	-99.1	7.91	1115.5
33	-8.83	-1.60	0.623	0.186	5912.2	102695	4125.3	8382.6	-128.3	-257.6	11.58	517.8
	-9.11	6.03	694.99	392.1	0.07560	654.5	2088.1	0.002343	3.7336E-07		0.006776	50.56
54	123.09	10.13	0.299	0.809	5749.5	105139	2625.5	10316.9	-143.9	-93.8	7.79	1114.7
29	-8.83	-1.57	0.623	0.186	5889.1	102691	2019.0	9107.6	-138.3	-253.4	11.40	517.0
	-9.11	6.04	694.22	391.7	0.07531	653.7	2088.0	0.002347	3.7290E-07		0.006781	50.64
54	123.10	10.26	0.299	0.808	5758.2	107951	6057.8	5643.0	-130.0	-129.8	7.67	1117.2
60	-8.83	-1.67	0.622	0.186	5890.1	105519	5460.1	4349.3	-125.2	-286.4	11.04	519.4
	-9.11	5.96	695.31	392.3	0.07555	672.2	2087.9	0.002336	3.7423E-07		0.006974	50.41
54	123.10	10.27	0.299	0.808	6131.9	107439	1230.1	15959.9	-167.0	-19.8	7.76	1116.9
55	-8.81	-1.68	0.623	0.186	6264.7	105006	631.4	14676.2	-162.1	-176.7	10.93	519.1
	-9.11	5.95	695.30	392.3	0.08041	669.1	2087.8	0.002337	3.7408E-07		0.006937	50.44
54	123.11	10.26	0.299	0.809	6015.3	107603	4523.0	12466.5	-139.8	-57.7	7.77	1116.5
48	-8.82	-1.68	0.623	0.186	6149.7	105166	3922.6	11198.9	-134.8	-215.2	11.06	518.7
	-9.11	5.97	695.29	392.3	0.07882	670.1	2087.8	0.002339	3.7388E-07		0.006942	50.48
54	123.12	10.27	0.299	0.808	6200.9	106882	3625.5	18414.3	-153.5	4.8	7.82	1116.8
54	-8.81	-1.68	0.623	0.186	6334.6	104447	3025.9	17140.0	-148.5	-152.5	11.00	519.0
	-9.11	5.95	695.27	392.3	0.08132	665.6	2087.8	0.002337	3.7403E-07		0.006901	50.46

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS LOD_QS CPOS	CSND TSR Q
54	123.13	10.21	0.298	0.808	5670.6	106105	7703.0	6722.3	-117.9	-116.6	7.57	1117.9
61	-8.83	-1.66	0.623	0.186	5801.2	103675	7106.9	5413.7	-113.3	-272.7	10.89	520.0
	-9.11	5.94	696.28	392.8	0.07430	661.7	2087.8	0.002333	3.7459E-07		0.006845	50.37
54	123.13	10.26	0.299	0.809	6040.4	106692	9176.6	13374.5	-116.8	-53.3	7.96	1116.7
51	-8.82	-1.67	0.623	0.186	6174.8	104255	8576.1	12108.6	-111.7	-210.8	11.42	518.9
	-9.11	5.96	695.31	392.3	0.07918	664.4	2087.8	0.002338	3.7394E-07		0.006886	50.49
54	123.13	10.21	0.298	0.808	5790.7	105779	8791.1	9860.8	-114.2	-86.9	7.69	1118.0
62	-8.83	-1.66	0.623	0.186	5921.2	103350	8195.1	8552.0	-109.6	-242.9	11.03	520.1
	-9.11	5.94	696.22	392.8	0.07589	659.6	2087.8	0.002333	3.7463E-07		0.006826	50.37
54	123.14	10.20	0.299	0.808	5884.7	105891	4088.4	9856.2	-145.6	-79.6	7.88	1118.4
66	-8.82	-1.67	0.623	0.186	6014.3	103463	3493.4	8538.1	-141.0	-235.4	11.32	520.5
	-9.11	5.96	696.23	392.8	0.07716	660.3	2087.9	0.002331	3.7484E-07		0.006837	50.35
54	123.14	10.20	0.299	0.808	5766.9	106359	5393.9	8364.6	-137.8	-93.8	7.59	1118.3
64	-8.83	-1.67	0.623	0.186	5896.8	103931	4798.5	7049.2	-133.3	-249.6	10.84	520.4
	-9.11	5.95	696.22	392.8	0.07561	663.2	2087.8	0.002331	3.7479E-07		0.006866	50.35
54	123.15	10.13	0.299	0.809	5739.3	104887	4425.1	8807.7	-136.1	-102.3	7.89	1115.7
35	-8.83	-1.60	0.623	0.186	5877.4	102442	3820.4	7581.5	-130.6	-261.2	11.59	518.0
	-9.11	6.03	694.90	392.1	0.07519	652.8	2087.9	0.002342	3.7345E-07		0.006765	50.59
54	123.16	10.26	0.299	0.808	5782.8	108132	3903.2	5432.6	-142.4	-127.7	7.71	1117.1
59	-8.83	-1.68	0.622	0.186	5916.8	105696	3303.3	4161.5	-137.4	-285.1	11.11	519.3
	-9.11	5.96	695.22	392.3	0.07589	673.3	2087.8	0.002336	3.7419E-07		0.006987	50.47
54	123.18	10.21	0.299	0.808	5867.0	105800	4064.8	10230.1	-143.2	-77.1	7.82	1118.1
63	-8.82	-1.67	0.623	0.186	5998.6	103368	3467.5	8932.8	-138.5	-233.6	11.24	520.2
	-9.11	5.94	696.33	392.9	0.07688	659.8	2087.9	0.002332	3.7470E-07		0.006826	50.40

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT		THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND
		LATA	LONGA	MTIP	OMR	MTUN	RPM	LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC	DRAGQH	LOD_QS	CPOS	TSR	Q
54	123.19	10.26		0.299		0.809		5870.1		106942		9203.7		9879.9		-114.2		-90.5		7.80		1116.6
50	-8.83	-1.67		0.623		0.186		6006.6		104501		8600.9		8635.5		-108.9		-248.9		11.26		518.8
	-9.11	5.96		695.31		392.3		0.07694		666.0		2087.8		0.002338		3.7392E-07				0.006901		50.54
54	123.21	10.27		0.299		0.808		6033.4		108270		-642.6		12063.4		-173.5		-57.3		7.73		1116.9
56	-8.82	-1.68		0.622		0.186		6169.2		105830		-1244.7		10812.3		-168.3		-215.4		10.97		519.1
	-9.11	5.96		695.26		392.3		0.07914		674.2		2087.7		0.002337		3.7409E-07				0.006992		50.53
54	123.22	10.27		0.299		0.809		6126.6		106501		5551.3		15626.5		-142.9		-24.2		7.97		1116.7
53	-8.81	-1.67		0.623		0.186		6263.6		104059		4947.9		14388.1		-137.6		-182.7		11.40		518.9
	-9.11	5.95		695.27		392.3		0.08032		663.2		2087.6		0.002338		3.7394E-07				0.006875		50.56
54	123.22	10.19		0.299		0.808		5786.5		106952		6367.6		9183.5		-132.2		-87.3		7.50		1118.3
65	-8.83	-1.66		0.623		0.186		5918.7		104519		5769.7		7892.4		-127.4		-244.0		10.67		520.4
	-9.11	5.97		696.19		392.8		0.07588		666.9		2087.7		0.002331		3.7479E-07				0.006905		50.42
54	123.23	10.12		0.299		0.809		5763.1		105496		4011.9		9203.4		-135.1		-94.7		7.78		1116.1
36	-8.83	-1.60		0.623		0.186		5902.3		103050		3406.0		7988.2		-129.6		-254.1		11.36		518.3
	-9.11	6.04		694.90		392.1		0.07554		656.6		2087.9		0.002341		3.7365E-07				0.006808		50.62
54	123.24	10.26		0.299		0.809		5916.3		106882		4513.7		10263.1		-137.9		-81.8		7.86		1116.3
46	-8.82	-1.68		0.623		0.186		6054.8		104437		3908.6		9041.1		-132.5		-240.9		11.38		518.5
	-9.11	5.97		695.36		392.3		0.07748		665.7		2087.7		0.002339		3.7376E-07				0.006892		50.60
46	123.24	10.09		0.298		0.808		5758.0		104442		2763.4		9969.2		-147.7		-80.2		7.73		1120.0
59	-8.83	-1.77		0.623		0.185		5865.6		102059		2193.5		8410.0		-145.6		-227.6		10.83		522.0
	-9.11	6.02		697.71		393.7		0.07626		652.8		2067.1		0.002297		3.7570E-07				0.006811		49.69
54	123.25	10.26		0.299		0.808		5713.3		108304		1183.7		5810.6		-154.4		-123.0		7.44		1117.2
58	-8.83	-1.68		0.622		0.186		5849.5		105864		581.1		4563.8		-149.2		-281.3		10.66		519.4
	-9.11	5.96		695.27		392.3		0.07497		674.4		2087.8		0.002336		3.7422E-07				0.006998		50.54

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU MTIP OMR	MAT MTUN RPM	THRUST		TORQ		ROLLRH		PITCHRH		SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
		LATA	LONGA			LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO			LOD_QS	CPOS	
54	123.25	10.26		0.299	0.809	5785.7		106996		5271.4		9156.2		-138.2	-99.9	7.64		1116.3
43	-8.83	-1.67		0.623	0.186	5924.8		104550		4665.7		7940.0		-132.7	-259.2	11.04		518.5
	-9.11	5.97		695.31	392.3	0.07578		666.3		2087.9		0.002340		3.7377E-07		0.006900		50.62
54	123.28	10.27		0.299	0.809	6129.2		106423		7713.4		15849.6		-127.6	-22.6	7.98		1116.6
52	-8.81	-1.67		0.623	0.186	6268.2		103977		7107.8		14632.3		-122.0	-181.9	11.44		518.8
	-9.11	5.95		695.35	392.3	0.08032		662.8		2087.7		0.002338		3.7390E-07		0.006867		50.62
46	123.29	10.13		0.298	0.808	5638.3		104462		4016.7		5913.3		-149.1	-133.7	7.94		1119.8
45	-8.83	-1.87		0.623	0.185	5747.9		102075		3444.5		4376.3		-146.8	-281.8	11.37		521.8
	-9.11	6.08		697.40	393.5	0.07472		652.6		2067.1		0.002298		3.7559E-07		0.006816		49.75
46	123.30	10.04		0.299	0.808	5612.7		104726		2448.6		6416.9		-147.8	-113.4	7.61		1118.9
34	-8.83	-1.64		0.623	0.186	5725.5		102333		1872.8		4914.6		-145.1	-262.7	10.77		521.0
	-9.11	6.06		696.99	393.2	0.07434		653.9		2067.2		0.002302		3.7513E-07		0.006829		49.84
46	123.30	10.13		0.298	0.808	5707.6		104879		4062.4		7165.8		-150.7	-116.5	7.90		1119.8
44	-8.83	-1.87		0.623	0.185	5817.6		102491		3489.8		5632.7		-148.3	-264.8	11.24		521.8
	-9.11	5.94		697.26	393.4	0.07567		655.1		2067.1		0.002298		3.7560E-07		0.006846		49.76
46	123.32	10.60		0.299	0.805	5985.5		109988		6264.1		11350.9		-139.0	-66.3	7.71		1122.4
90	-9.11	-1.64		0.620	0.185	6093.4		107614		5669.7		9779.4		-137.6	-212.1	10.60		524.2
	-9.41	6.13		695.48	392.4	0.08016		685.3		2066.5		0.002287		3.7692E-07		0.007253		49.54
46	123.34	10.09		0.298	0.808	5659.8		104024		3080.2		7503.4		-145.6	-115.5	7.89		1120.2
54	-8.83	-1.76		0.623	0.185	5769.6		101637		2507.8		5968.1		-143.3	-263.7	11.25		522.2
	-9.11	6.02		697.72	393.7	0.07499		650.2		2067.1		0.002297		3.7579E-07		0.006786		49.76
46	123.35	10.15		0.299	0.808	5662.0		104079		7003.3		7935.2		-127.9	-114.3	7.90		1119.3
38	-8.83	-1.64		0.623	0.186	5775.2		101685		6427.0		6437.1		-125.1	-263.8	11.31		521.3
	-9.11	6.06		696.95	393.2	0.07505		649.8		2067.1		0.002300		3.7530E-07		0.006792		49.85

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
46	123.36	10.15	0.299	0.808	5712.0	103456	6778.2	9642.5	-129.8	-100.2	8.02	1119.4	
39	-8.83	-1.64	0.623	0.186	5825.3	101061	6201.9	8145.2	-127.1	-249.7	11.51	521.4	
	-9.11	6.05	696.99	393.2	0.07572	645.9	2067.1	0.002300	3.7535E-07		0.006753	49.85	
46	123.37	10.02	0.298	0.809	5586.6	103402	2079.7	8203.1	-151.7	-100.9	7.62	1120.0	
49	-8.83	-1.77	0.623	0.186	5698.0	101012	1505.5	6685.4	-149.2	-249.7	10.80	522.0	
	-9.11	5.99	697.80	393.7	0.07397	646.4	2067.1	0.002297	3.7569E-07		0.006741	49.80	
46	123.38	10.09	0.298	0.809	5727.9	104264	2603.3	9470.1	-147.4	-86.0	7.75	1120.1	
58	-8.83	-1.76	0.623	0.186	5839.3	101873	2029.2	7952.0	-144.8	-234.8	10.94	522.0	
	-9.11	6.03	697.79	393.7	0.07586	651.8	2067.0	0.002297	3.7571E-07		0.006799	49.80	
46	123.38	10.15	0.299	0.808	5550.7	104717	4885.5	3302.3	-141.6	-161.2	7.94	1119.4	
43	-8.84	-1.76	0.623	0.186	5664.2	102323	4308.9	1807.5	-138.8	-310.8	11.51	521.4	
	-9.11	6.28	696.85	393.2	0.07362	653.7	2066.9	0.002300	3.7538E-07		0.006838	49.86	
46	123.39	10.16	0.299	0.808	5824.1	103139	4576.1	12006.9	-138.6	-72.8	8.15	1119.4	
41	-8.82	-1.64	0.623	0.186	5938.2	100743	3998.8	10518.9	-135.8	-222.7	11.68	521.4	
	-9.11	6.05	696.84	393.2	0.07724	643.8	2067.1	0.002300	3.7535E-07		0.006735	49.88	
42	123.40	10.61	0.300	0.805	5949.6	110968	3757.0	9379.1	-133.4	-32.4	7.20	1122.3	
106	-9.12	-1.81	0.619	0.185	6079.8	108549	3137.3	8049.7	-129.6	-186.6	9.93	524.1	
	-9.41	6.25	695.12	392.2	0.07919	690.7	2078.0	0.002305	3.7686E-07		0.007273	49.99	
46	123.41	10.09	0.299	0.808	5723.6	104054	3151.2	8617.2	-144.4	-97.2	7.90	1120.1	
56	-8.83	-1.76	0.623	0.186	5835.9	101662	2575.9	7109.4	-141.8	-246.4	11.25	522.0	
	-9.11	6.03	697.66	393.6	0.07582	650.4	2067.0	0.002297	3.7571E-07		0.006787	49.83	
46	123.42	10.02	0.299	0.808	5648.1	101500	3019.0	10899.9	-138.6	-74.8	7.92	1119.0	
30	-8.83	-1.60	0.623	0.186	5764.2	99100.1	2439.4	9433.8	-135.6	-225.4	11.40	521.1	
	-9.11	5.95	696.74	393.1	0.07487	633.5	2067.1	0.002301	3.7518E-07		0.006625	49.93	

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT		THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND TSR Q
		LATA	LONGA	MTIP	OMR	MTUN	RPM	LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC	DRAGQH	CPOS	LOD_QS		
46	123.43	10.09	0.299	0.299	0.809	0.809	5558.6	104097	1859.6	5308.6	-154.4	-131.0	1120.0					7.74				
51	-8.84	-1.76	0.623	0.623	0.186	0.186	5671.7	101703	1283.5	3808.8	-151.7	-280.5	522.0					11.07				
	-9.11	6.03	697.73	697.73	393.7	393.7	0.07361	650.7	2067.1	0.002297	3.7569E-07							0.006787			49.85	
46	123.43	10.16	0.299	0.299	0.808	0.808	5733.1	103245	5741.1	10421.9	-134.4	-91.6	1119.2					8.05				
40	-8.83	-1.64	0.623	0.623	0.186	0.186	5848.6	100846	5162.2	8948.9	-131.4	-242.0	521.3					11.58				
	-9.11	6.05	696.94	696.94	393.2	393.2	0.07600	644.6	2066.9	0.002300	3.7528E-07							0.006739			49.92	
46	123.44	10.16	0.299	0.299	0.808	0.808	5662.5	104227	2655.3	6105.3	-151.8	-135.7	1119.5					8.13				
42	-8.83	-1.76	0.622	0.622	0.186	0.186	5777.4	101829	2077.1	4626.2	-148.8	-285.9	521.5					11.81				
	-9.11	6.30	696.81	696.81	393.1	393.1	0.07513	650.6	2067.0	0.002299	3.7542E-07							0.006809			49.90	
46	123.45	10.15	0.299	0.299	0.809	0.809	5739.9	106384	4685.6	6676.1	-141.0	-112.9	1119.1					7.73				
35	-8.83	-1.64	0.623	0.623	0.186	0.186	5856.6	103982	4105.3	5216.1	-137.9	-263.7	521.1					10.95				
	-9.11	6.06	696.96	696.96	393.2	393.2	0.07605	664.2	2067.0	0.002301	3.7519E-07							0.006940			49.95	
46	123.46	10.60	0.300	0.300	0.805	0.805	6002.6	110094	6355.7	11551.3	-138.5	-63.3	1122.4					7.73				
94	-9.11	-1.64	0.620	0.620	0.185	0.185	6114.3	107713	5757.2	10020.0	-136.7	-210.4	524.2					10.67				
	-9.41	6.13	695.45	695.45	392.4	392.4	0.08042	685.9	2066.3	0.002286	3.7693E-07							0.007262			49.64	
46	123.47	10.09	0.299	0.299	0.809	0.809	5698.8	104096	3047.8	9061.8	-144.6	-90.9	1120.1					7.76				
57	-8.83	-1.76	0.623	0.623	0.186	0.186	5812.7	101701	2470.8	7571.4	-141.8	-240.7	522.0					11.01				
	-9.11	6.03	697.75	697.75	393.7	393.7	0.07549	650.7	2066.9	0.002297	3.7572E-07							0.006789			49.87	
46	123.47	10.13	0.299	0.299	0.808	0.808	5671.7	103850	1426.4	7845.4	-159.4	-113.3	1120.1					7.97				
47	-8.83	-1.87	0.623	0.623	0.186	0.186	5785.6	101454	849.2	6355.6	-156.6	-263.1	522.0					11.46				
	-9.11	6.14	697.34	697.34	393.4	393.4	0.07523	648.7	2066.8	0.002297	3.7572E-07							0.006782			49.87	
46	123.47	10.09	0.299	0.299	0.809	0.809	5654.4	104438	2126.3	6338.9	-155.9	-118.7	1119.8					7.85				
62	-8.83	-1.77	0.623	0.623	0.186	0.186	5769.1	102041	1548.3	4857.6	-153.0	-268.8	521.8					11.24				
	-9.11	6.03	697.81	697.81	393.7	393.7	0.07486	652.9	2066.9	0.002298	3.7559E-07							0.006808			49.89	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS LOD_QS CPOS	CSND TSR Q
42	123.47	10.69	0.300	0.805	6129.4	113126	803.1	10697.2	-145.2	-17.0	7.25	1122.3
108	-9.11	-1.82	0.619	0.186	6261.5	110704	181.2	9389.2	-141.2	-171.9	9.92	524.1
	-9.41	6.41	694.92	392.1	0.08163	704.0	2077.8	0.002305	3.7686E-07		0.007418	50.05
46	123.49	10.60	0.300	0.805	6143.7	110896	3072.1	14656.6	-148.5	-20.5	7.61	1122.5
89	-9.11	-1.65	0.619	0.185	6255.9	108514	2472.9	13131.1	-146.7	-167.9	10.36	524.3
	-9.41	6.14	695.39	392.3	0.08233	690.8	2066.4	0.002286	3.7700E-07		0.007317	49.66
46	123.49	10.09	0.299	0.809	5647.9	104028	3190.9	8472.2	-146.9	-108.9	7.80	1120.1
53	-8.83	-1.76	0.623	0.186	5762.2	101631	2613.3	6986.5	-144.1	-258.8	11.15	522.1
	-9.11	6.03	697.79	393.7	0.07481	650.3	2066.9	0.002297	3.7575E-07		0.006784	49.88
42	123.50	10.71	0.300	0.805	6059.7	111755	6253.6	9802.6	-120.0	-39.1	7.45	1122.6
111	-9.11	-1.63	0.619	0.185	6191.5	109334	5632.1	8490.4	-116.0	-193.9	10.34	524.4
	-9.41	6.20	695.25	392.3	0.08067	695.8	2077.7	0.002304	3.7701E-07		0.007325	50.04
46	123.50	10.02	0.299	0.808	5612.0	102119	1832.7	9798.9	-143.4	-83.6	7.80	1119.0
31	-8.83	-1.60	0.623	0.186	5730.6	99714.3	1250.3	8359.5	-140.1	-235.2	11.23	521.0
	-9.11	6.06	696.65	393.1	0.07441	637.3	2067.0	0.002302	3.7514E-07		0.006666	50.00
42	123.51	10.69	0.300	0.805	6080.4	113214	2504.0	8064.3	-129.1	-47.8	7.37	1122.5
109	-9.11	-1.64	0.619	0.186	6212.9	110791	1881.7	6760.3	-125.0	-202.8	10.19	524.3
	-9.41	6.55	694.93	392.1	0.08100	704.6	2077.8	0.002304	3.7695E-07		0.007425	50.06
46	123.52	10.09	0.299	0.809	5613.2	104423	2175.0	6352.5	-156.9	-114.6	7.69	1119.7
67	-8.83	-1.76	0.623	0.186	5729.4	102023	1595.2	4888.2	-153.8	-265.2	10.98	521.7
	-9.11	6.02	697.66	393.6	0.07433	652.7	2066.8	0.002298	3.7553E-07		0.006808	49.94
46	123.53	10.09	0.299	0.809	5715.0	104672	2574.5	8302.0	-156.4	-97.8	7.79	1119.6
65	-8.83	-1.76	0.623	0.186	5832.0	102270	1993.9	6845.2	-153.3	-248.7	11.09	521.6
	-9.11	6.02	697.78	393.7	0.07563	654.3	2066.8	0.002299	3.7547E-07		0.006820	49.96

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST		TORQ		ROLLRH		PITCHRH		SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
					LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO			LOD_QS	CPOS	
46	123.53	10.10	0.299	0.809	5742.4	5742.4	103500		2579.9		8644.8		-153.9	-97.4	8.08		1119.5
64	-8.83	-1.77	0.623	0.186	5859.6	5859.6	101097		1999.1		7190.4		-150.7	-248.4	11.68		521.5
	-9.11	6.01	697.80	393.7	0.07600	0.07600	647.0		2066.8		0.002299		3.7544E-07		0.006744		49.96
46	123.53	10.02	0.299	0.808	5598.6	5598.6	103004		1250.3		7659.3		-147.5	-97.6	7.75		1119.0
32	-8.84	-1.60	0.623	0.186	5717.7	5717.7	100598		667.3		6225.6		-144.1	-249.3	11.15		521.1
	-9.11	6.06	696.62	393.0	0.07424	0.07424	642.8		2066.9		0.002301		3.7518E-07		0.006726		50.02
46	123.58	10.02	0.299	0.809	5708.5	5708.5	100891		4791.7		12235.0		-131.7	-66.9	8.17		1119.0
29	-8.83	-1.60	0.622	0.186	5829.0	5829.0	98482.6		4207.2		10816.6		-128.1	-219.2	11.93		521.0
	-9.11	5.95	696.58	393.0	0.07571	0.07571	629.6		2066.9		0.002301		3.7516E-07		0.006588		50.06
46	123.59	10.09	0.299	0.809	5691.9	5691.9	104413		2942.5		7838.5		-153.6	-102.5	7.82		1119.7
66	-8.83	-1.76	0.623	0.186	5810.5	5810.5	102008		2360.1		6399.0		-150.2	-254.1	11.21		521.7
	-9.11	6.02	697.73	393.7	0.07536	0.07536	652.7		2066.8		0.002298		3.7552E-07		0.006806		50.00
63	123.62	7.28	0.298	0.808	2758.6	2758.6	59972.6		1340.6		1833.9		-62.7	-82.0	5.74		1123.0
45	-8.97	-0.74	0.623	0.185	2873.0	2873.0	57576.2		763.0		348.3		-59.9	-231.9	10.52		524.8
	-9.11	4.26	699.71	394.8	0.03643	0.03643	375.9		2073.8		0.002291		3.7726E-07		0.003899		49.87
46	123.65	10.02	0.300	0.809	5543.5	5543.5	103500		1770.9		6859.4		-145.3	-105.8	7.60		1119.1
33	-8.84	-1.60	0.622	0.186	5665.7	5665.7	101087		1184.3		5460.2		-141.6	-258.7	10.93		521.1
	-9.11	6.06	696.52	393.0	0.07354	0.07354	645.8		2066.9		0.002301		3.7519E-07		0.006760		50.11
46	123.65	10.15	0.299	0.809	5616.2	5616.2	105660		5607.5		5643.0		-134.2	-126.6	7.65		1119.2
36	-8.84	-1.64	0.623	0.186	5738.1	5738.1	103249		5021.3		4240.2		-130.5	-279.5	10.96		521.2
	-9.11	6.06	696.97	393.2	0.07443	0.07443	659.7		2066.9		0.002301		3.7526E-07		0.006895		50.10
55	123.77	10.26	0.298	0.808	5709.5	5709.5	108443		8092.3		3745.2		-108.0	-159.3	7.71		1126.1
40	-8.83	-1.58	0.623	0.185	5837.6	5837.6	106019		7499.1		2409.3		-103.6	-314.4	11.11		527.6
	-9.11	6.16	701.64	395.9	0.07484	0.07484	681.4		2085.5		0.002297		3.7883E-07		0.006999		50.11

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ		ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
						TORQ_QW	HP					LOD_QS	CPOS	
55	123.81	10.18	0.298	0.808	5860.0	105510		8423.0	10224.9	-116.8	-72.5	7.83		1124.5
23	-8.83	-1.71	0.623	0.186	5994.1	103074		7822.9	8955.1	-111.8	-229.9	11.29		526.2
	-9.11	5.87	700.34	395.1	0.07687	661.8		2085.5	0.002303	3.7801E-07		0.006815		50.28
55	123.86	10.26	0.298	0.808	5696.2	108022		8952.6	5087.9	-103.2	-145.5	7.62		1126.0
41	-8.83	-1.58	0.623	0.185	5826.9	105593		8356.4	3781.1	-98.6	-301.7	10.97		527.6
	-9.11	6.16	701.49	395.8	0.07469	678.6		2085.4	0.002297	3.7881E-07		0.006974		50.18
55	123.88	10.26	0.298	0.809	5701.4	108268		4299.6	3780.1	-130.6	-155.0	7.69		1125.9
38	-8.83	-1.59	0.623	0.185	5833.2	105837		3702.2	2484.9	-125.9	-311.6	11.13		527.5
	-9.11	6.16	701.56	395.8	0.07472	680.3		2085.5	0.002297	3.7874E-07		0.006987		50.22
63	123.91	9.69	0.299	0.809	5351.9	96466.5		4317.6	10739.0	-107.2	-58.4	7.72		1123.3
48	-8.85	-1.37	0.623	0.186	5473.4	94055.6		3731.8	9332.0	-103.5	-211.1	11.34		525.1
	-9.11	5.46	699.80	394.8	0.07071	604.7		2073.5	0.002290	3.7740E-07		0.006275		50.08
63	123.95	11.56	0.299	0.809	6932.4	130582		2832.6	6873.1	-192.3	-129.4	7.40		1122.3
39	-8.77	-2.22	0.623	0.186	7058.0	128163		2242.2	5510.6	-188.2	-283.6	9.75		524.1
	-9.11	6.81	699.07	394.4	0.09162	817.7		2073.5	0.002294	3.7689E-07		0.008497		50.20
55	123.97	10.26	0.298	0.809	5819.7	107471		9797.2	9230.3	-102.8	-104.4	7.68		1125.9
31	-8.83	-1.58	0.623	0.186	5953.9	105034		9197.0	7961.4	-97.8	-261.8	11.03		527.5
	-9.11	6.16	701.67	395.9	0.07625	675.4		2085.6	0.002297	3.7875E-07		0.006933		50.29
63	123.97	9.94	0.299	0.810	5537.5	100645		2822.7	9603.2	-134.4	-73.7	7.74		1121.0
28	-8.84	-1.63	0.624	0.186	5668.0	98216		2226.8	8293.1	-129.8	-229.8	11.34		522.9
	-9.11	5.78	698.96	394.4	0.07302	630.1		2073.6	0.002300	3.7619E-07		0.006534		50.33
57	123.99	10.19	0.298	0.808	5850.2	107216		6270.0	9874.1	-132.4	-66.4	7.44		1128.3
45	-8.82	-1.62	0.622	0.185	5976.5	104796		5678.9	8518.7	-128.2	-220.9	10.42		529.7
	-9.11	5.85	702.27	396.2	0.07693	674.4		2084.6	0.002285	3.8001E-07		0.006942		50.03

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT MTUN RPM	THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH DRAGQH	LOD_RS		CSND TSR Q
		LATA	LONGA	MTIP	OMR		LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC		LOD_QS	CPOS	
63	123.99	10.08		0.300		0.809	5558.6		103579		3705.2		6185.9		-135.1		-108.9	7.68		1120.8
27	-8.84	-1.63		0.623		0.186	5690.3		101148		3107.9		4889.0		-130.3		-265.3	11.22		522.7
	-9.11	5.96		697.85		393.7	0.07350		647.5		2073.4		0.002300		3.7609E-07			0.006744		50.37
55	124.00	10.26		0.298		0.809	5910.2		106883		7152.0		11143.0		-119.3		-82.7	7.84		1125.8
33	-8.82	-1.58		0.623		0.186	6045.5		104444		6550.6		9886.0		-114.2		-240.6	11.30		527.4
	-9.11	6.15		701.53		395.8	0.07745		671.5		2085.5		0.002298		3.7869E-07			0.006897		50.32
55	124.01	10.20		0.299		0.808	5590.6		105443		9198.4		5117.9		-98.3		-141.9	7.76		1125.7
25	-8.84	-1.51		0.622		0.186	5726.4		103003		8596.2		3867.3		-93.1		-300.0	11.42		527.3
	-9.11	6.21		700.64		395.3	0.07344		661.6		2085.5		0.002298		3.7864E-07			0.006820		50.33
55	124.03	10.27		0.298		0.809	5852.6		107874		3297.0		7611.7		-140.0		-115.8	7.84		1126.0
36	-8.83	-1.58		0.623		0.186	5988.2		105435		2695.2		6357.8		-134.8		-273.8	11.34		527.6
	-9.11	6.16		701.59		395.8	0.07671		677.8		2085.5		0.002297		3.7881E-07			0.006962		50.33
57	124.04	10.25		0.298		0.808	5826.9		108885		7437.3		6649.7		-130.9		-99.6	7.43		1126.8
40	-8.83	-1.91		0.623		0.186	5959.5		106451		6839.0		5363.5		-126.0		-256.4	10.51		528.3
	-9.11	6.04		701.82		396.0	0.07649		684.4		2084.8		0.002292		3.7919E-07			0.007037		50.22
57	124.04	10.21		0.299		0.808	5650.6		107484		9869.8		4228.5		-112.1		-119.4	7.38		1125.8
36	-8.83	-1.63		0.622		0.186	5786.3		105045		9267.9		2976.5		-106.9		-277.5	10.58		527.4
	-9.11	6.13		700.38		395.2	0.07435		674.2		2084.8		0.002296		3.7870E-07			0.006963		50.31
57	124.05	10.09		0.298		0.808	5693.4		105518		4768.0		7790.4		-137.1		-82.3	7.42		1128.4
46	-8.83	-1.68		0.622		0.185	5820.9		103096		4175.5		6447.9		-132.8		-237.2	10.53		529.8
	-9.11	5.82		702.20		396.2	0.07490		663.6		2084.5		0.002285		3.8006E-07			0.006835		50.07
63	124.05	11.40		0.299		0.809	6802.8		126741		6296.6		8209.2		-163.3		-119.7	7.54		1122.5
41	-8.78	-2.27		0.623		0.186	6930.8		124317		5703.5		6872.3		-159.0		-274.8	10.08		524.3
	-9.11	6.85		699.36		394.6	0.08987		794.0		2073.4		0.002293		3.7697E-07			0.008244		50.26

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT		THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND TSR Q
		LATA	LONGA	MTIP	OMR	MTUN	RPM	LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC	DRAGQH	LOD_QS	CPOS		
63	124.05	11.15		0.299		0.810		6635.6		121949		-658.5		8912.6		-206.4		-103.5		7.68		1121.1
29	-8.79	-2.36		0.624		0.186		6768.0		119516		-1256.5		7623.2		-201.6		-260.2		10.46		523.0
	-9.11	6.80		699.10		394.4		0.08750		763.7		2073.5		0.002299		3.7627E-07				0.007917		50.39
55	124.06	10.20		0.298		0.809		5678.8		106194		11264.7		5199.6		-88.2		-140.8		7.86		1125.9
26	-8.83	-1.52		0.623		0.186		5815.3		103753		10661.8		3956.6		-82.9		-299.2		11.58		527.5
	-9.11	6.21		701.67		395.9		0.07440		667.4		2085.4		0.002297		3.7873E-07				0.006850		50.36
55	124.06	10.27		0.298		0.809		5893.7		107272		4178.9		9527.0		-137.5		-96.9		7.88		1126.0
35	-8.82	-1.58		0.623		0.186		6030.1		104831		3576.2		8281.5		-132.2		-255.2		11.40		527.6
	-9.11	6.15		701.57		395.8		0.07725		674.0		2085.4		0.002297		3.7879E-07				0.006923		50.35
57	124.06	10.01		0.298		0.808		5493.5		104683		5695.8		4658.2		-127.8		-112.4		7.27		1127.7
43	-8.84	-1.67		0.623		0.185		5623.7		102255		5100.2		3345.7		-123.3		-268.3		10.41		529.1
	-9.11	5.88		702.34		396.3		0.07214		658.5		2084.6		0.002288		3.7967E-07				0.006769		50.15
55	124.07	10.27		0.298		0.809		5772.4		108074		3365.9		6056.0		-137.9		-131.9		7.73		1126.0
37	-8.83	-1.59		0.623		0.186		5909.1		105632		2762.9		4813.8		-132.6		-290.3		11.21		527.5
	-9.11	6.16		701.58		395.8		0.07567		679.1		2085.3		0.002297		3.7878E-07				0.006975		50.36
55	124.08	10.27		0.298		0.809		5727.5		107788		9729.6		6767.8		-99.9		-127.3		7.60		1125.9
30	-8.83	-1.58		0.623		0.186		5864.8		105345		9125.9		5532.7		-94.5		-285.9		10.99		527.4
	-9.11	6.16		701.64		395.9		0.07505		677.3		2085.5		0.002297		3.7873E-07				0.006954		50.38
63	124.08	11.54		0.299		0.809		6916.4		129144		4320.2		7115.7		-185.4		-139.7		7.66		1122.7
42	-8.77	-2.50		0.623		0.186		7044.5		126720		3727.0		5779.3		-181.0		-294.8		10.22		524.5
	-9.11	7.14		699.36		394.6		0.09140		809.1		2073.4		0.002292		3.7711E-07				0.008403		50.27
57	124.08	10.19		0.298		0.808		5724.2		108402		5622.1		6971.7		-134.7		-90.8		7.14		1127.9
44	-8.83	-1.79		0.623		0.185		5854.3		105974		5026.7		5658.1		-130.1		-246.7		9.99		529.4
	-9.11	5.88		702.30		396.2		0.07521		681.9		2084.6		0.002287		3.7980E-07				0.007013		50.14

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
55	124.09	10.26	0.299	0.809	5693.4	107694	9324.0	5473.9	-100.4	-140.3	7.65	1126.2	
42	-8.83	-1.58	0.623	0.186	5829.8	105253	8721.2	4229.1	-95.1	-298.7	11.11	527.7	
	-9.11	6.16	701.49	395.8	0.07469	676.6	2085.2	0.002296	3.7890E-07		0.006956	50.35	
55	124.09	10.26	0.298	0.809	5900.7	107207	8681.6	10968.5	-110.6	-86.6	7.80	1125.9	
32	-8.82	-1.58	0.623	0.186	6038.1	104764	8077.8	9734.3	-105.2	-245.2	11.26	527.5	
	-9.11	6.16	701.72	395.9	0.07731	673.7	2085.5	0.002297	3.7876E-07		0.006916	50.38	
55	124.09	10.27	0.299	0.809	5923.9	107194	5534.5	11157.5	-130.1	-84.9	7.86	1126.0	
34	-8.82	-1.58	0.623	0.186	6061.1	104751	4930.9	9920.9	-124.8	-243.5	11.35	527.6	
	-9.11	6.15	701.61	395.9	0.07765	673.5	2085.5	0.002297	3.7880E-07		0.006918	50.37	
57	124.09	10.16	0.299	0.808	5776.1	105219	6143.2	9156.4	-128.6	-61.3	7.56	1125.2	
34	-8.83	-1.45	0.622	0.186	5915.0	102773	5537.7	7938.7	-123.1	-220.6	10.88	526.8	
	-9.11	5.94	700.40	395.2	0.07592	660.0	2084.8	0.002298	3.7837E-07		0.006809	50.40	
63	124.09	11.30	0.300	0.810	6765.9	124427	5414.1	9363.7	-174.4	-103.9	7.66	1121.5	
30	-8.78	-2.36	0.623	0.186	6898.0	121995	4816.2	8072.5	-169.6	-260.6	10.34	523.4	
	-9.11	6.80	699.13	394.5	0.08926	779.2	2073.5	0.002297	3.7647E-07		0.008083	50.39	
55	124.10	10.26	0.299	0.809	5654.4	108391	5616.4	3050.6	-121.2	-162.1	7.63	1126.0	
39	-8.84	-1.58	0.623	0.186	5791.9	105948	5012.4	1817.1	-115.8	-320.8	11.13	527.6	
	-9.11	6.16	701.51	395.8	0.07414	681.0	2085.3	0.002297	3.7880E-07		0.006997	50.38	
63	124.11	11.51	0.300	0.809	6919.9	129082	7886.0	10116.0	-140.0	-88.3	7.28	1122.1	
38	-8.77	-1.63	0.623	0.186	7050.6	126653	7289.9	8808.2	-135.4	-244.4	9.59	523.9	
	-9.11	6.73	699.02	394.4	0.09143	808.3	2073.4	0.002295	3.7678E-07		0.008397	50.34	
63	124.11	11.34	0.300	0.810	6874.0	124547	5877.5	12285.2	-172.9	-79.7	7.71	1121.5	
31	-8.78	-2.34	0.623	0.186	7006.7	122114	5279.1	10999.4	-168.1	-236.6	10.38	523.4	
	-9.11	6.97	699.20	394.5	0.09067	780.1	2073.5	0.002297	3.7647E-07		0.008089	50.40	

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT		THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND
		LATA	LONGA	MTIP	OMR	MTUN	RPM	LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC	DRAGQH	DRAGQH	LOD_QS	CPOS	
63	124.11	11.40		0.300		0.809		6879.6		125794		3718.6		10846.7		-181.4		-101.1		7.73		1121.9
33	-8.78	-2.15		0.623		0.186		7010.8		123364		3121.7		9546.0		-176.7		-257.5		10.40		523.8
	-9.11	7.34		699.17		394.5		0.09083		787.8		2073.4		0.002296		3.7668E-07				0.008178		50.36
55	124.11	10.27		0.299		0.809		5889.9		107408		5143.7		8391.8		-129.8		-106.0		7.94		1125.9
29	-8.82	-1.59		0.623		0.186		6027.7		104965		4539.4		7162.0		-124.4		-264.9		11.56		527.5
	-9.11	6.15		701.69		395.9		0.07717		675.0		2085.4		0.002297		3.7877E-07				0.006929		50.39
57	124.12	9.98		0.298		0.808		5487.1		103566		4365.4		4108.4		-134.7		-118.2		7.50		1127.8
42	-8.84	-1.67		0.623		0.185		5618.6		101135		3768.4		2810.1		-130.0		-274.7		10.91		529.2
	-9.11	5.88		702.45		396.3		0.07206		651.6		2084.5		0.002287		3.7971E-07				0.006696		50.19
55	124.13	7.09		0.298		0.809		2829.1		59258.1		766.4		4840.3		-70.0		-57.7		5.91		1127.8
73	-8.97	-0.82		0.623		0.186		2961.5		56825.2		168.3		3551.6		-65.1		-214.5		11.32		529.3
	-9.11	3.81		702.63		396.4		0.03711		372.9		2084.7		0.002289		3.7973E-07				0.003827		50.23
63	124.14	11.45		0.300		0.809		6903.6		128195		3505.2		9529.1		-172.1		-95.9		7.42		1122.1
37	-8.77	-1.78		0.623		0.186		7035.2		125764		2908.1		8231.1		-167.3		-252.4		9.85		524.0
	-9.11	6.88		698.81		394.3		0.09128		802.5		2073.4		0.002295		3.7679E-07				0.008345		50.37
63	124.15	11.43		0.300		0.810		6849.7		126454		3643.3		9378.6		-183.4		-116.0		7.69		1121.6
32	-8.78	-2.34		0.623		0.186		6983.0		124019		3044.2		8099.8		-178.5		-273.1		10.37		523.5
	-9.11	7.31		699.11		394.4		0.09040		791.9		2073.4		0.002297		3.7654E-07				0.008217		50.42
63	124.16	11.51		0.300		0.809		7006.8		128933		5511.0		9652.3		-177.0		-87.9		7.50		1122.4
40	-8.77	-2.23		0.623		0.186		7137.9		126502		4914.3		8349.9		-172.3		-244.2		9.93		524.2
	-9.11	6.57		699.18		394.5		0.09260		807.5		2073.3		0.002294		3.7693E-07				0.008390		50.35
63	124.17	11.55		0.300		0.810		6829.0		130246		1600.2		5371.3		-183.0		-172.6		7.58		1121.8
35	-8.78	-1.92		0.623		0.186		6962.5		127811		1000.8		4094.8		-178.0		-329.8		10.18		523.6
	-9.11	7.68		699.13		394.5		0.09015		815.7		2073.4		0.002296		3.7660E-07				0.008466		50.43

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
63	124.18	11.47	0.300	0.810	6959.8	127400	5422.0	10599.4	-160.7	-98.1	7.67	1121.7	
34	-8.77	-1.81	0.624	0.186	7093.8	124964	4822.0	9327.8	-155.7	-255.4	10.28	523.5	
	-9.11	7.34	699.69	394.8	0.09172	798.5	2073.4	0.002297	3.7655E-07		0.008267	50.44	
63	124.18	11.45	0.300	0.810	6876.6	128449	2515.8	7798.9	-174.7	-126.1	7.55	1122.1	
36	-8.78	-1.78	0.623	0.186	7009.3	126015	1917.2	6513.8	-169.9	-283.0	10.11	524.0	
	-9.11	7.26	699.51	394.7	0.09074	804.9	2073.4	0.002295	3.7679E-07		0.008345	50.40	
63	124.20	11.63	0.300	0.809	7003.6	130977	4693.0	8216.9	-174.7	-135.9	7.60	1122.9	
43	-8.77	-2.10	0.623	0.186	7134.5	128547	4096.6	6912.1	-170.0	-292.2	10.11	524.7	
	-9.11	7.35	699.36	394.6	0.09258	820.6	2073.4	0.002292	3.7719E-07		0.008525	50.35	
55	124.37	8.98	0.299	0.809	4611.3	86050.5	3448.7	7282.1	-98.0	-84.8	7.56	1127.4	
75	-8.89	-1.23	0.623	0.186	4751.2	83602.4	2842.0	6075.4	-92.3	-244.4	12.24	528.9	
	-9.11	5.23	702.24	396.2	0.06052	541.2	2084.4	0.002290	3.7955E-07		0.005561	50.45	
55	124.38	10.22	0.299	0.809	5519.1	106244	4809.5	3292.6	-121.7	-165.7	7.67	1126.7	
52	-8.84	-1.65	0.623	0.186	5661.4	103790	4200.0	2112.4	-115.8	-326.3	11.40	528.3	
	-9.11	6.36	701.75	395.9	0.07243	667.7	2084.8	0.002293	3.7919E-07		0.006865	50.53	
55	124.41	10.21	0.299	0.809	5603.5	107695	4875.0	2768.6	-124.4	-162.3	7.64	1126.4	
48	-8.84	-1.64	0.623	0.186	5747.9	105238	4263.1	1610.4	-118.3	-323.7	11.29	528.0	
	-9.11	6.37	701.78	396.0	0.07349	676.9	2085.0	0.002295	3.7903E-07		0.006954	50.59	
55	124.43	10.21	0.299	0.809	5602.8	107541	4438.8	3565.9	-125.1	-158.2	7.63	1126.6	
46	-8.84	-1.65	0.623	0.186	5747.0	105084	3827.2	2405.2	-119.0	-319.4	11.27	528.2	
	-9.11	6.41	701.57	395.8	0.07354	675.7	2085.0	0.002294	3.7913E-07		0.006950	50.58	
55	124.45	10.21	0.299	0.809	5521.9	106771	5006.9	3506.9	-122.9	-161.0	7.54	1126.6	
50	-8.84	-1.65	0.623	0.186	5666.7	104313	4394.6	2353.1	-116.8	-322.5	11.16	528.1	
	-9.11	6.36	701.89	396.0	0.07242	671.2	2084.8	0.002294	3.7912E-07		0.006894	50.60	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST		TORQ		ROLLRH		PITCHRH		SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
					LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO			LOD_QS	CPOS	
55	124.47	10.22	0.299	0.809	5707.6	5707.6	106733	106733	4704.2	4704.2	5313.6	5313.6	-124.9	-144.3	7.97	7.97	1126.4
44	-8.83	-1.66	0.623	0.186	5853.8	5853.8	104272	104272	4090.3	4090.3	4175.1	4175.1	-118.6	-306.4	11.92	11.92	527.9
	-9.11	6.40	701.50	395.8	0.07490	0.07490	670.6	670.6	2085.0	2085.0	0.002295	0.002295	3.7899E-07		0.006897	0.006897	50.64
57	124.48	10.33	0.298	0.808	5820.2	5820.2	108455	108455	6494.0	6494.0	5874.4	5874.4	-123.9	-84.9	7.34	7.34	1131.7
65	-8.83	-1.64	0.623	0.185	5948.8	5948.8	106029	106029	5900.2	5900.2	4544.5	4544.5	-119.5	-240.2	10.28	10.28	532.9
	-9.11	5.89	704.68	397.6	0.07651	0.07651	684.5	684.5	2083.7	2083.7	0.002270	0.002270	3.8177E-07		0.007020	0.007020	50.10
55	124.49	10.30	0.299	0.809	5831.4	5831.4	107679	107679	3771.6	3771.6	8264.1	8264.1	-133.8	-113.3	7.85	7.85	1126.8
57	-8.83	-1.67	0.623	0.186	5976.7	5976.7	105219	105219	3158.7	3158.7	7116.5	7116.5	-127.6	-275.0	11.52	11.52	528.3
	-9.11	6.35	701.72	395.9	0.07654	0.07654	676.7	676.7	2084.7	2084.7	0.002293	0.002293	3.7920E-07		0.006959	0.006959	50.61
55	124.50	10.21	0.299	0.809	5750.8	5750.8	106225	106225	2548.9	2548.9	7625.1	7625.1	-143.1	-111.0	7.83	7.83	1127.3
64	-8.83	-1.74	0.623	0.186	5894.4	5894.4	103769	103769	1937.9	1937.9	6458.8	6458.8	-137.0	-272.0	11.53	11.53	528.8
	-9.11	6.22	702.08	396.1	0.07551	0.07551	667.9	667.9	2084.4	2084.4	0.002290	0.002290	3.7948E-07		0.006867	0.006867	50.56
55	124.51	10.22	0.299	0.809	5593.6	5593.6	106727	106727	4932.3	4932.3	3363.7	3363.7	-124.1	-163.1	7.81	7.81	1126.8
51	-8.84	-1.65	0.623	0.186	5739.3	5739.3	104268	104268	4318.9	4318.9	2219.5	2219.5	-117.8	-324.9	11.68	11.68	528.3
	-9.11	6.36	701.74	395.9	0.07342	0.07342	670.8	670.8	2084.8	2084.8	0.002293	0.002293	3.7922E-07		0.006897	0.006897	50.62
55	124.51	10.21	0.299	0.809	5821.7	5821.7	106646	106646	2789.1	2789.1	8464.4	8464.4	-144.3	-103.2	7.89	7.89	1127.5
71	-8.83	-1.74	0.623	0.186	5964.9	5964.9	104191	104191	2178.6	2178.6	7293.6	7293.6	-138.3	-264.1	11.59	11.59	529.0
	-9.11	6.22	702.03	396.1	0.07647	0.07647	670.5	670.5	2084.2	2084.2	0.002290	0.002290	3.7957E-07		0.006897	0.006897	50.55
57	124.53	10.29	0.298	0.808	5735.7	5735.7	107747	107747	6803.8	6803.8	4485.3	4485.3	-110.3	-93.0	7.30	7.30	1131.6
64	-8.83	-1.35	0.623	0.185	5865.9	5865.9	105318	105318	6208.2	6208.2	3173.4	3173.4	-105.8	-249.0	10.29	10.29	532.9
	-9.11	5.90	704.44	397.5	0.07544	0.07544	679.8	679.8	2083.7	2083.7	0.002271	0.002271	3.8173E-07		0.006978	0.006978	50.15
55	124.53	10.66	0.299	0.809	6186.0	6186.0	114530	114530	2017.8	2017.8	7094.7	7094.7	-159.6	-120.6	7.79	7.79	1127.6
77	-8.81	-1.95	0.623	0.186	6329.4	6329.4	112074	112074	1407.0	1407.0	5926.3	5926.3	-153.5	-281.6	11.09	11.09	529.1
	-9.11	6.64	702.36	396.3	0.08120	0.08120	720.4	720.4	2084.2	2084.2	0.002289	0.002289	3.7965E-07		0.007402	0.007402	50.56

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS LOD_QS CPOS	CSND TSR Q
57	124.56	10.33	0.298	0.808	5787.1	107976	6424.4	6332.7	-126.3	-78.0	7.27	1131.6
66	-8.83	-1.77	0.623	0.185	5918.4	105545	5827.5	5032.2	-121.6	-234.4	10.20	532.8
	-9.11	5.88	704.74	397.6	0.07605	681.5	2083.6	0.002271	3.8170E-07		0.006986	50.18
55	124.57	11.41	0.299	0.809	6899.0	128035	5633.2	8953.7	-158.5	-119.5	7.63	1127.7
79	-8.78	-1.98	0.623	0.186	7043.1	125578	5021.7	7792.5	-152.4	-280.7	10.35	529.2
	-9.11	7.23	702.06	396.1	0.09066	805.0	2084.1	0.002289	3.7971E-07		0.008284	50.58
57	124.57	10.20	0.298	0.809	5726.0	105717	1008.4	6621.4	-162.2	-86.7	7.54	1131.1
56	-8.83	-2.19	0.623	0.186	5859.2	103283	409.4	5341.5	-157.3	-243.8	10.81	532.4
	-9.11	6.21	704.72	397.6	0.07518	667.3	2083.6	0.002273	3.8146E-07		0.006834	50.23
55	124.58	10.22	0.300	0.809	5627.0	107208	4373.5	4600.4	-123.8	-148.5	7.69	1126.6
45	-8.84	-1.66	0.623	0.186	5775.2	104743	3757.2	3484.8	-117.2	-311.3	11.42	528.1
	-9.11	6.41	701.53	395.8	0.07388	673.6	2084.9	0.002294	3.7912E-07		0.006930	50.70
57	124.58	10.29	0.298	0.808	5795.9	107900	4531.9	6426.7	-125.5	-72.0	7.26	1131.5
63	-8.83	-1.35	0.623	0.186	5927.8	105468	3934.3	5133.4	-120.8	-228.6	10.18	532.8
	-9.11	5.90	704.56	397.5	0.07620	680.9	2083.7	0.002271	3.8169E-07		0.006985	50.20
57	124.58	10.20	0.298	0.809	5704.8	105657	1121.5	6068.8	-145.6	-94.7	7.57	1131.2
59	-8.83	-1.61	0.623	0.186	5837.8	103223	522.6	4787.4	-140.8	-251.7	10.88	532.5
	-9.11	6.52	704.72	397.6	0.07492	666.9	2083.7	0.002272	3.8153E-07		0.006832	50.23
55	124.59	10.21	0.300	0.809	5632.7	108068	4779.7	3697.3	-123.5	-153.0	7.60	1126.6
47	-8.84	-1.64	0.623	0.186	5781.0	105603	4163.4	2581.5	-116.9	-315.8	11.22	528.2
	-9.11	6.41	701.84	396.0	0.07389	679.3	2084.8	0.002294	3.7914E-07		0.006980	50.70
55	124.59	10.29	0.300	0.809	5698.5	107660	4381.0	6040.8	-126.7	-134.9	7.69	1126.8
56	-8.84	-1.67	0.623	0.186	5846.3	105196	3765.3	4920.0	-120.2	-297.6	11.34	528.3
	-9.11	6.36	701.67	395.9	0.07481	676.6	2084.6	0.002293	3.7920E-07		0.006959	50.69

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU		MAT	THRUST		TORQ		ROLLRH		PITCHRH		SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
			MTIP	OMR		LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO			LOD_QS	CPOS	
55	124.60	10.30	0.300		0.809	5758.4		107541		5730.6		6044.9		-122.9	-141.8	7.97		1126.9
53	-8.83	-1.67	0.623		0.186	5906.1		105077		5115.0		4922.8		-116.4	-304.4	11.89		528.4
	-9.11	6.36	701.59		395.8	0.07563		675.7		2084.6		0.002292		3.7928E-07		0.006955		50.68
57	124.60	10.23	0.298		0.808	5647.7		106680		1177.7		3338.7		-139.9	-122.4	7.50		1131.4
60	-8.83	-1.41	0.623		0.186	5780.8		104245		578.8		2057.3		-135.0	-279.4	10.80		532.6
	-9.11	6.63	704.67		397.6	0.07421		673.3		2083.6		0.002272		3.8159E-07		0.006902		50.23
57	124.61	10.19	0.298		0.809	5655.6		105835		1090.8		5008.4		-162.7	-102.5	7.48		1131.1
55	-8.83	-2.22	0.623		0.186	5789.9		103399		490.6		3740.2		-157.7	-260.0	10.75		532.4
	-9.11	6.14	704.66		397.6	0.07427		667.9		2083.6		0.002273		3.8146E-07		0.006843		50.27
57	124.61	10.28	0.298		0.808	5701.7		107787		2412.1		4335.9		-134.8	-99.1	7.26		1131.5
62	-8.83	-1.35	0.623		0.186	5834.7		105353		1813.3		3054.1		-129.9	-256.1	10.27		532.7
	-9.11	6.18	704.68		397.6	0.07493		680.3		2083.6		0.002271		3.8165E-07		0.006974		50.23
55	124.61	10.30	0.300		0.809	5789.9		107336		5634.5		6313.9		-125.3	-138.3	8.07		1126.8
54	-8.83	-1.67	0.623		0.186	5938.2		104871		5018.2		5198.3		-118.7	-301.2	12.09		528.4
	-9.11	6.35	701.71		395.9	0.07601		674.6		2084.6		0.002292		3.7923E-07		0.006938		50.70
57	124.62	10.10	0.298		0.809	5648.6		103975		3383.5		7588.6		-132.6	-74.4	7.49		1131.0
54	-8.83	-1.59	0.623		0.186	5783.5		101537		2782.7		6326.4		-127.6	-232.1	10.79		532.3
	-9.11	6.05	704.64		397.6	0.07417		656.2		2083.7		0.002273		3.8142E-07		0.006722		50.28
57	124.67	10.20	0.299		0.809	5736.3		105539		1216.8		7373.9		-151.2	-82.0	7.57		1131.2
58	-8.83	-1.84	0.623		0.186	5872.0		103099		615.0		6120.5		-146.0	-240.1	10.89		532.5
	-9.11	6.47	704.64		397.6	0.07535		666.0		2083.5		0.002272		3.8150E-07		0.006826		50.31
57	124.68	10.27	0.299		0.808	5778.7		106771		2769.3		6844.6		-153.9	-76.6	7.44		1131.7
67	-8.83	-2.11	0.623		0.186	5912.7		104335		2169.3		5573.7		-148.9	-234.1	10.58		532.9
	-9.11	6.07	704.64		397.6	0.07599		673.8		2083.4		0.002270		3.8177E-07		0.006913		50.26

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT		THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND TSR Q
		LATA	LONGA	MTIP	OMR	MTUN	RPM	LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC	DRAGQH	LOD_QS	CPOS		
57	124.69	10.28		0.299		0.808		5672.5		107805		577.3		2216.6		-142.7		-128.7		7.46		1131.5
61	-8.83	-1.41		0.623		0.186		5807.7		105366		-24.0		958.8		-137.5		-286.5		10.73		532.7
	-9.11	6.57		704.67		397.6		0.07454		680.4		2083.6		0.002271		3.8164E-07				0.006975		50.29
57	124.74	10.27		0.299		0.808		5695.2		106449		2656.4		5482.8		-141.6		-90.8		7.40		1132.0
68	-8.83	-1.68		0.622		0.186		5830.1		104012		2055.5		4221.2		-136.5		-248.6		10.57		533.2
	-9.11	6.20		704.62		397.6		0.07493		671.8		2083.4		0.002269		3.8191E-07				0.006896		50.28
64	125.49	10.10		0.301		0.809		5864.2		101432		4910.3		16467.1		-128.2		36.5		7.58		1130.6
43	-8.83	-1.56		0.622		0.187		6002.2		98988		4305.8		15239.4		-122.8		-122.5		10.83		531.9
	-9.11	5.30		703.30		396.8		0.07798		639.0		2068.1		0.002253		3.8121E-07				0.006641		50.53
63	154.45	10.44		0.375		0.850		2646.3		80264.6		-12.5		4066.7		-57.0		116.9		4.22		1124.5
51	-11.91	-0.63		0.619		0.231		3043.1		77132.1		-1243.1		5157.3		-25.8		-187.8		14.92		526.1
	-12.00	5.21		695.93		392.7		0.03588		500.3		2047.5		0.002257		3.7800E-07				0.005359		76.67
63	154.54	11.35		0.373		0.851		4821.5		108552		5450.8		8968.2		-79.7		87.2		6.48		1126.8
56	-9.15	-0.87		0.620		0.231		5167.3		105429		4505.6		9671.7		-47.4		-214.1		14.81		528.3
	-9.31	6.75		698.32		394.0		0.06522		679.0		2047.4		0.002247		3.7923E-07				0.007230		76.43



## **APPENDIX D --- ROTOR SMOOTHING STATIC DATA**

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND
											LOD_QS	CPOS	
55	124.49	10.30	0.299	0.809	5831.4	107679	3771.6	8264.1	-133.8	-113.3	7.85	1126.8	
57	-8.83	-1.67	0.623	0.186	5976.7	105219	3158.7	7116.5	-127.6	-275.0	11.52	528.3	
	-9.11	6.35	701.72	395.9	0.07654	676.7	2084.7	0.002293	3.7920E-07		0.006959	50.61	
55	124.57	10.19	0.300	0.809	5630.6	105433	1755.2	5027.4	-141.6	-137.5	7.90	1127.0	
58	-8.84	-1.74	0.623	0.186	5777.2	102971	1140.8	3893.8	-135.3	-299.8	11.85	528.5	
	-9.11	6.22	701.65	395.9	0.07395	662.5	2084.6	0.002292	3.7933E-07		0.006818	50.65	
55	124.52	10.19	0.300	0.809	5605.2	105183	1708.8	4776.0	-142.8	-139.3	7.87	1127.0	
59	-8.84	-1.74	0.623	0.186	5750.5	102724	1095.9	3628.6	-136.6	-301.0	11.80	528.5	
	-9.11	6.22	701.69	395.9	0.07361	661.0	2084.5	0.002292	3.7931E-07		0.006802	50.62	
55	124.37	10.18	0.299	0.808	5518.6	104864	1166.8	3432.0	-143.9	-150.7	7.76	1127.2	
60	-8.84	-1.74	0.622	0.186	5659.2	102415	559.3	2232.2	-138.2	-310.6	11.57	528.7	
	-9.11	6.23	701.58	395.8	0.07252	658.9	2084.6	0.002291	3.7942E-07		0.006785	50.47	
55	124.51	10.19	0.299	0.809	5798.8	106222	2715.4	8795.8	-142.6	-98.0	7.84	1127.2	
61	-8.83	-1.74	0.623	0.186	5942.9	103765	2103.9	7633.9	-136.5	-259.2	11.51	528.7	
	-9.11	6.22	702.08	396.1	0.07612	667.9	2084.5	0.002291	3.7944E-07		0.006865	50.58	
55	124.62	10.19	0.300	0.809	5914.5	106396	3526.1	11232.8	-140.5	-70.7	7.89	1127.4	
62	-8.82	-1.74	0.623	0.186	6061.0	103935	2911.8	10097.7	-134.2	-232.8	11.56	528.9	
	-9.11	6.21	702.04	396.1	0.07767	669.0	2084.4	0.002290	3.7952E-07		0.006879	50.65	
55	124.53	10.19	0.299	0.809	5932.9	106688	3630.6	11593.0	-142.3	-61.8	7.80	1127.3	
63	-8.82	-1.74	0.623	0.186	6077.3	104231	3018.7	10435.4	-136.2	-223.2	11.31	528.8	
	-9.11	6.21	702.08	396.1	0.07790	670.8	2084.5	0.002290	3.7950E-07		0.006897	50.59	
55	124.50	10.21	0.299	0.809	5750.8	106225	2548.9	7625.1	-143.1	-111.0	7.83	1127.3	
64	-8.83	-1.74	0.623	0.186	5894.4	103769	1937.9	6458.8	-137.0	-272.0	11.53	528.8	
	-9.11	6.22	702.08	396.1	0.07551	667.9	2084.4	0.002290	3.7948E-07		0.006867	50.56	

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT		THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND TSR Q
		LATA	LONGA	MTIP	OMR	MTUN	RPM	LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC	DRAGQH	LOD_QS	CPOS		
55	124.65	10.21	0.300	0.809	0.809	5657.4	105932	1886.8	5879.4	-141.6	-128.8									7.80	1127.4	
65	-8.84	-1.74	0.623	0.186	0.186	5804.8	103468	1271.5	4754.0	-135.1	-291.3									11.61	528.9	
	-9.11	6.22	702.19	396.2	396.2	0.07427	666.2	2084.3	0.002290	3.7953E-07										0.006847	50.68	
55	124.57	10.21	0.299	0.809	0.809	5583.5	105420	919.8	3529.5	-144.2	-147.8									7.85	1127.5	
66	-8.84	-1.74	0.623	0.186	0.186	5728.5	102962	307.3	2377.9	-138.0	-309.4									11.77	529.0	
	-9.11	6.22	702.20	396.2	396.2	0.07331	663.0	2084.3	0.002290	3.7957E-07										0.006815	50.60	
55	124.59	10.21	0.299	0.809	0.809	5494.6	105024	1068.1	3316.1	-142.9	-150.1									7.67	1127.4	
67	-8.84	-1.74	0.623	0.186	0.186	5640.3	102564	454.7	2172.6	-136.6	-312.0									11.47	528.9	
	-9.11	6.23	702.17	396.2	396.2	0.07214	660.5	2084.3	0.002290	3.7955E-07										0.006789	50.62	
55	124.52	10.21	0.299	0.809	0.809	5818.5	106624	3013.6	8970.2	-142.1	-93.7									7.78	1127.5	
68	-8.83	-1.74	0.623	0.186	0.186	5962.0	104169	2402.8	7802.2	-136.1	-254.7									11.37	529.0	
	-9.11	6.21	702.17	396.2	396.2	0.07640	670.5	2084.3	0.002290	3.7957E-07										0.006893	50.56	
55	124.51	10.21	0.299	0.809	0.809	5980.8	106987	3884.2	11629.7	-141.9	-63.1									7.90	1127.4	
69	-8.82	-1.74	0.623	0.186	0.186	6124.2	104532	3273.4	10461.0	-135.9	-224.1									11.47	528.9	
	-9.11	6.21	702.00	396.1	396.1	0.07856	672.6	2084.2	0.002290	3.7955E-07										0.006920	50.56	
55	124.55	10.22	0.299	0.809	0.809	5954.9	107206	4378.5	12738.7	-139.3	-43.4									7.60	1127.4	
70	-8.82	-1.74	0.623	0.186	0.186	6099.5	104748	3766.3	11583.3	-133.1	-204.8									10.88	528.9	
	-9.11	6.21	702.04	396.1	396.1	0.07821	674.1	2084.3	0.002290	3.7954E-07										0.006932	50.59	
55	124.51	10.21	0.299	0.809	0.809	5821.7	106646	2789.1	8464.4	-144.3	-103.2									7.89	1127.5	
71	-8.83	-1.74	0.623	0.186	0.186	5964.9	104191	2178.6	7293.6	-138.3	-264.1									11.59	529.0	
	-9.11	6.22	702.03	396.1	396.1	0.07647	670.5	2084.2	0.002290	3.7957E-07										0.006897	50.55	
57	0.02	4.13	0.000	0.622	0.622	2098.1	36940.2	4932.3	15819.0	-68.8	-251.0									0.10	1124.4	
14	-10.00	-0.04	0.622	0.000	0.000	2098.1	36940.2	4932.3	15819.0	-68.8	-251.0									0.10	526.0	
	-10.00	-0.47	699.47	394.6	394.6	0.02696	231.4	2134.3	0.002356	3.7795E-07										0.002337	0.00	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		TSR	Q	CSND
											LOD_QS	CPOS			
57	0.03	4.13	0.000	0.622	2156.5	36798.2	-259.6	12567.2	-78.3	-271.3	0.09	1124.3			
15	-10.00	-0.04	0.622	0.000	2156.5	36798.2	-259.6	12567.2	-78.3	-271.3	0.09	526.0			
	-10.00	-0.48	699.74	394.8	0.02769	230.6	2134.3	0.002357	3.7790E-07		0.002326	0.00			
57	0.03	4.13	0.000	0.622	2185.4	37067.4	-198.5	12939.4	-76.2	-271.4	0.08	1124.4			
16	-10.00	-0.04	0.622	0.000	2185.4	37067.4	-198.5	12939.4	-76.2	-271.4	0.08	526.0			
	-10.00	-0.48	699.77	394.8	0.02806	232.3	2134.3	0.002356	3.7795E-07		0.002343	0.00			
57	0.02	4.13	0.000	0.622	2093.0	36296.1	401.7	11317.1	-75.4	-276.9	0.05	1124.4			
17	-10.00	-0.04	0.622	0.000	2093.0	36296.1	401.7	11317.1	-75.4	-276.9	0.05	526.0			
	-10.00	-0.48	699.83	394.9	0.02687	227.5	2134.4	0.002357	3.7795E-07		0.002294	0.00			
57	0.03	4.13	0.000	0.622	2125.1	36615.7	-52.9	13979.3	-77.2	-268.4	0.09	1124.5			
18	-10.00	-0.04	0.622	0.000	2125.1	36615.7	-52.9	13979.3	-77.2	-268.4	0.09	526.2			
	-10.00	-0.49	699.68	394.8	0.02730	229.5	2134.4	0.002356	3.7801E-07		0.002316	0.00			
57	0.02	4.13	0.000	0.622	2102.8	36603.8	1374.9	14477.0	-74.9	-267.9	0.03	1124.7			
19	-10.00	-0.04	0.622	0.000	2102.8	36603.8	1374.9	14477.0	-74.9	-267.9	0.03	526.3			
	-10.00	-0.49	699.61	394.7	0.02702	229.4	2134.3	0.002355	3.7810E-07		0.002316	0.00			
57	0.14	4.13	0.000	0.622	2123.9	36639.8	1373.9	12547.0	-73.2	-277.8	0.14	1124.7			
20	-10.00	-0.04	0.622	0.000	2123.9	36639.8	1373.9	12547.0	-73.2	-277.8	0.14	526.4			
	-10.00	-0.49	699.37	394.6	0.02731	229.5	2134.3	0.002355	3.7812E-07		0.002320	0.00			
57	0.04	4.13	0.000	0.622	2116.9	36496.9	297.8	14421.7	-76.6	-268.7	0.08	1124.7			
22	-10.00	-0.04	0.622	0.000	2116.9	36496.9	297.8	14421.7	-76.6	-268.7	0.08	526.3			
	-10.00	-0.50	699.98	394.9	0.02718	228.8	2134.3	0.002355	3.7810E-07		0.002307	0.00			
57	0.72	4.13	0.002	0.623	2127.2	36425.4	-2161.9	11752.7	-80.3	-282.0	0.15	1124.7			
23	-10.00	-0.04	0.622	0.001	2127.2	36425.4	-2161.9	11752.7	-80.3	-282.0	0.15	526.4			
	-10.00	-0.50	700.00	395.0	0.02731	228.4	2134.3	0.002355	3.7812E-07		0.002303	0.01			

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS LOD_QS CPOS	CSND TSR Q	
57 24	0.23 -10.00 -10.00	4.13 -0.04 -0.50	0.001 0.623 700.15	0.623 0.000 395.0	2096.0 2096.0 0.02689	36461.6 36461.6 228.6	-3.2 -3.2 2134.3	12941.7 12941.7 0.002355	-75.3 -75.3 3.7810E-07	-277.4 -277.4	0.06 0.06 0.002304	1124.7 526.3 0.00	
	57 25	0.02 -10.00 -10.00	4.13 -0.04 -0.50	0.000 0.623 700.28	0.623 0.000 395.1	2098.6 2098.6 0.02692	36698.6 36698.6 230.2	1478.1 1478.1 2134.3	12228.5 12228.5 0.002355	-75.5 -75.5 3.7814E-07	-278.5 -278.5	0.06 0.06 0.002318	1124.7 526.4 0.00
		57 26	0.02 -10.00 -10.00	4.13 -0.05 -0.50	0.000 0.622 700.10	0.622 0.000 395.0	2127.2 2127.2 0.02731	36866.6 36866.6 231.2	686.6 686.6 2134.3	13755.4 13755.4 0.002354	-75.5 -75.5 3.7821E-07	-276.1 -276.1	0.02 0.02 0.002330
57 27			0.08 -10.00 -10.00	4.13 -0.05 -0.51	0.000 0.622 700.14	0.622 0.000 395.0	2134.6 2134.6 0.02741	36756.6 36756.6 230.5	538.8 538.8 2134.3	9450.2 9450.2 0.002354	-72.9 -72.9 3.7825E-07	-287.8 -287.8	0.10 0.10 0.002324
	57 28		0.02 -10.00 -10.00	4.13 -0.05 -0.51	0.000 0.622 699.96	0.622 0.000 394.9	2181.7 2181.7 0.02803	37649.2 37649.2 236.0	768.0 768.0 2134.3	11230.9 11230.9 0.002354	-75.4 -75.4 3.7825E-07	-283.8 -283.8	0.02 0.02 0.002381
		57 29	0.02 -10.00 -10.00	4.13 -0.05 -0.51	0.000 0.623 700.46	0.623 0.000 395.2	2156.4 2156.4 0.02767	36894.4 36894.4 231.5	1846.6 1846.6 2134.2	11940.9 11940.9 0.002353	-74.3 -74.3 3.7838E-07	-279.3 -279.3	0.05 0.05 0.002331
57 30			0.12 -10.00 -10.00	4.13 -0.05 -0.51	0.000 0.623 700.49	0.623 0.000 395.2	2130.5 2130.5 0.02734	36582.9 36582.9 229.5	605.3 605.3 2134.2	12079.7 12079.7 0.002353	-75.3 -75.3 3.7840E-07	-281.0 -281.0	0.12 0.12 0.002312
	61 34		84.24 2.63 2.00	4.26 -1.79 2.41	0.200 0.623 710.63	0.747 0.124 400.9	5817.7 5855.0 0.07579	31257.1 29371.7 199.0	3940.0 4067.1 2102.7	10613.8 9967.2 0.002253	-145.3 -136.4 3.8653E-07	-155.3 -239.1	7.15 8.55 0.002005

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH DRAGQH	LOD_RS		CSND			
		LATA	LONGA	MTIP	OMR			TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC		LOD_QS	CPOS		Q		
61	84.22	4.26		0.200		0.747	5847.1	31148.1	3947.5	9078.9	-145.7		-164.6	7.28		1140.9						
35	2.63	-1.79		0.623		0.124	5884.4	29263.1	4074.6	8433.2	-136.8		-248.3	8.72		541.7						
	2.00	2.41		710.60		400.9	0.07620	198.3	2102.6	0.002252	3.8658E-07			0.001999		22.75						
61	84.14	4.26		0.200		0.747	5824.1	31049.2	3988.0	10234.0	-144.5		-160.3	7.24		1140.9						
36	2.63	-1.79		0.623		0.124	5861.4	29165	4115.0	9590.4	-135.6		-243.9	8.67		541.6						
	2.00	2.41		710.55		400.9	0.07591	197.6	2102.6	0.002252	3.8656E-07			0.001993		22.71						
61	84.15	4.26		0.200		0.747	5843.2	30830.7	3818.1	9449.1	-145.7		-165.2	7.35		1141.0						
37	2.63	-1.79		0.623		0.124	5880.5	28946.4	3945.0	8805.5	-136.7		-248.8	8.82		541.7						
	2.00	2.41		710.66		401.0	0.07615	196.3	2102.5	0.002252	3.8660E-07			0.001978		22.71						
61	84.20	4.27		0.200		0.747	5921.9	30362.5	4486.1	11702.3	-144.4		-143.7	7.33		1141.0						
38	2.64	-1.79		0.623		0.124	5959.2	28477.7	4613.1	11057.4	-135.5		-227.3	8.78		541.7						
	2.00	2.40		710.62		400.9	0.07718	193.3	2102.5	0.002252	3.8661E-07			0.001948		22.74						
61	84.08	4.26		0.200		0.747	5918.1	30750.2	4437.7	11746.6	-145.4		-141.6	7.21		1141.0						
39	2.64	-1.79		0.623		0.124	5955.4	28866.6	4564.5	11105.0	-136.4		-225.1	8.61		541.7						
	2.00	2.40		710.60		400.9	0.07713	195.7	2102.6	0.002252	3.8660E-07			0.001973		22.67						
61	84.24	4.27		0.200		0.747	5877.3	31335.5	4235.0	11984.9	-146.4		-137.7	7.03		1140.9						
40	2.63	-1.80		0.623		0.124	5914.6	29450.3	4362.1	11338.7	-137.4		-221.5	8.37		541.7						
	2.00	2.40		710.45		400.8	0.07663	199.4	2102.6	0.002252	3.8657E-07			0.002012		22.76						
61	84.23	4.27		0.200		0.747	5851.6	31154.2	4146.5	10929.4	-144.1		-152.2	7.17		1140.9						
41	2.63	-1.80		0.623		0.124	5888.9	29269	4273.6	10283.3	-135.1		-235.9	8.57		541.7						
	2.00	2.40		710.61		400.9	0.07626	198.3	2102.6	0.002252	3.8658E-07			0.001999		22.76						

## **APPENDIX F --- PERFORMANCE STATIC DATA**

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		TSR Q	CSND
											LOD_QS	CPOS		
55	124.51	10.21	0.299	0.809	5821.7	106646.0	2789.1	8464.4	-144.3	-103.2	7.89		1127.5	
	-8.83	-1.74	0.623	0.186	5964.9	104191	2178.6	7293.6	-138.3	-264.1	11.59		529.0	
	-9.11	6.22	702.03	396.1	0.07647	670.5	2084.2	0.002290	3.7957E-07		0.006897		50.55	
55	124.56	10.21	0.299	0.809	5692.8	106217.0	1011.4	6477.0	-148.9	-117.2	7.72		1127.7	
	-8.83	-1.74	0.623	0.186	5836.9	103760	399.8	5316.1	-142.8	-278.4	11.37		529.1	
	-9.11	6.22	702.08	396.1	0.07480	667.9	2084.3	0.002289	3.7966E-07		0.006871		50.58	
55	124.13	7.09	0.298	0.809	2829.1	59258.1	766.4	4840.3	-70.0	-57.7	5.91		1127.8	
	-8.97	-0.82	0.623	0.186	2961.5	56825.2	168.3	3551.6	-65.1	-214.5	11.32		529.3	
	-9.11	3.81	702.63	396.4	0.03711	372.9	2084.7	0.002289	3.7973E-07		0.003827		50.23	
55	124.10	7.14	0.298	0.809	2507.3	57549.0	-1569.7	-1821.1	-72.8	-83.8	5.25		1127.6	
	-8.99	-0.82	0.623	0.186	2639.4	55116.7	-2167.5	-3113.1	-68.0	-240.5	10.15		529.1	
	-9.11	3.82	702.68	396.5	0.03287	362.2	2084.7	0.002290	3.7964E-07		0.003715		50.22	
55	124.37	8.98	0.299	0.809	4611.3	86050.5	3448.7	7282.1	-98.0	-84.8	7.56		1127.4	
	-8.89	-1.23	0.623	0.186	4751.2	83602.4	2842.0	6075.4	-92.3	-244.4	12.24		528.9	
	-9.11	5.23	702.24	396.2	0.06052	541.2	2084.4	0.002290	3.7955E-07		0.005561		50.45	
55	124.40	8.97	0.299	0.809	4336.1	84829.5	812.8	2258.6	-104.9	-118.1	7.22		1127.4	
	-8.90	-1.23	0.623	0.186	4476.8	82380	205.2	1059.5	-99.1	-278.0	11.82		528.9	
	-9.11	5.24	702.26	396.2	0.05691	533.5	2084.3	0.002290	3.7952E-07		0.005481		50.47	
55	124.53	10.66	0.299	0.809	6186.0	114530.0	2017.8	7094.7	-159.6	-120.6	7.79		1127.6	
	-8.81	-1.95	0.623	0.186	6329.4	112074	1407.0	5926.3	-153.5	-281.6	11.09		529.1	
	-9.11	6.64	702.36	396.3	0.08120	720.4	2084.2	0.002289	3.7965E-07		0.007402		50.56	
55	124.46	10.66	0.299	0.809	6131.0	114584.0	453.0	5512.3	-167.2	-134.7	7.75		1127.5	
	-8.81	-1.95	0.623	0.186	6273.1	112132	-156.2	4328.5	-161.3	-295.1	11.04		529.0	
	-9.11	6.64	702.35	396.3	0.08045	720.8	2084.1	0.002290	3.7957E-07		0.007403		50.52	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
55	124.57	11.41	0.299	0.809	6899.0	128035.0	5633.2	8953.7	-158.5	-119.5	7.63	1127.7	
79	-8.78	-1.98	0.623	0.186	7043.1	125578	5021.7	7792.5	-152.4	-280.7	10.35	529.2	
	-9.11	7.23	702.06	396.1	0.09066	805.0	2084.1	0.002289	3.7971E-07		0.008284	50.58	
55	124.69	11.41	0.300	0.809	6779.9	128230.0	3781.9	6509.6	-169.4	-141.0	7.51	1127.7	
80	-8.78	-1.98	0.623	0.186	6927.4	125767	3166.5	5385.3	-162.9	-303.6	10.22	529.1	
	-9.11	7.24	702.08	396.1	0.08907	806.3	2083.9	0.002289	3.7967E-07		0.008295	50.68	
55	124.40	10.09	0.299	0.809	5637.0	104583.0	2038.9	8564.4	-139.8	-92.0	7.55	1127.7	
81	-8.84	-1.72	0.623	0.186	5776.6	102136	1432.5	7354.4	-134.2	-251.6	10.98	529.2	
	-9.11	6.04	702.52	396.4	0.07396	658.0	2084.2	0.002289	3.7970E-07		0.006756	50.44	
57	124.62	10.10	0.298	0.809	5648.6	103975.0	3383.5	7588.6	-132.6	-74.4	7.49	1131.0	
54	-8.83	-1.59	0.623	0.186	5783.5	101537	2782.7	6326.4	-127.6	-232.1	10.79	532.3	
	-9.11	6.05	704.64	397.6	0.07417	656.2	2083.7	0.002273	3.8142E-07		0.006722	50.28	
57	124.61	10.19	0.298	0.809	5655.6	105835.0	1090.8	5008.4	-162.7	-102.5	7.48	1131.1	
55	-8.83	-2.22	0.623	0.186	5789.9	103399	490.6	3740.2	-157.7	-260.0	10.75	532.4	
	-9.11	6.14	704.66	397.6	0.07427	667.9	2083.6	0.002273	3.8146E-07		0.006843	50.27	
57	124.57	10.20	0.298	0.809	5726.0	105717.0	1008.4	6621.4	-162.2	-86.7	7.54	1131.1	
56	-8.83	-2.19	0.623	0.186	5859.2	103283	409.4	5341.5	-157.3	-243.8	10.81	532.4	
	-9.11	6.21	704.72	397.6	0.07518	667.3	2083.6	0.002273	3.8146E-07		0.006834	50.23	
57	124.57	10.20	0.298	0.808	5788.9	105458.0	3087.4	7347.8	-147.8	-86.2	7.77	1131.3	
57	-8.83	-1.90	0.623	0.186	5921.6	103025	2489.0	6062.4	-142.9	-243.1	11.21	532.6	
	-9.11	6.41	704.63	397.6	0.07605	665.5	2083.7	0.002272	3.8156E-07		0.006822	50.22	
57	124.67	10.20	0.299	0.809	5736.3	105539.0	1216.8	7373.9	-151.2	-82.0	7.57	1131.2	
58	-8.83	-1.84	0.623	0.186	5872.0	103099	615.0	6120.5	-146.0	-240.1	10.89	532.5	
	-9.11	6.47	704.64	397.6	0.07535	666.0	2083.5	0.002272	3.8150E-07		0.006826	50.31	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS LOD_QS CPOS	CSND TSR Q
57	124.58	10.20	0.298	0.809	5704.8	105657.0	1121.5	6068.8	-145.6	-94.7	7.57	1131.2
59	-8.83	-1.61	0.623	0.186	5837.8	103223	522.6	4787.4	-140.8	-251.7	10.88	532.5
	-9.11	6.52	704.72	397.6	0.07492	666.9	2083.7	0.002272	3.8153E-07		0.006832	50.23
57	124.60	10.23	0.298	0.808	5647.7	106680.0	1177.7	3338.7	-139.9	-122.4	7.50	1131.4
60	-8.83	-1.41	0.623	0.186	5780.8	104245	578.8	2057.3	-135.0	-279.4	10.80	532.6
	-9.11	6.63	704.67	397.6	0.07421	673.3	2083.6	0.002272	3.8159E-07		0.006902	50.23
57	124.69	10.28	0.299	0.808	5672.5	107805.0	577.3	2216.6	-142.7	-128.7	7.46	1131.5
61	-8.83	-1.41	0.623	0.186	5807.7	105366	-24.0	958.8	-137.5	-286.5	10.73	532.7
	-9.11	6.57	704.67	397.6	0.07454	680.4	2083.6	0.002271	3.8164E-07		0.006975	50.29
57	124.61	10.28	0.298	0.808	5701.7	107787.0	2412.1	4335.9	-134.8	-99.1	7.26	1131.5
62	-8.83	-1.35	0.623	0.186	5834.7	105353	1813.3	3054.1	-129.9	-256.1	10.27	532.7
	-9.11	6.18	704.68	397.6	0.07493	680.3	2083.6	0.002271	3.8165E-07		0.006974	50.23
57	124.58	10.29	0.298	0.808	5795.9	107900.0	4531.9	6426.7	-125.5	-72.0	7.26	1131.5
63	-8.83	-1.35	0.623	0.186	5927.8	105468	3934.3	5133.4	-120.8	-228.6	10.18	532.8
	-9.11	5.90	704.56	397.5	0.07620	680.9	2083.7	0.002271	3.8169E-07		0.006985	50.20
57	124.53	10.29	0.298	0.808	5735.7	107747.0	6803.8	4485.3	-110.3	-93.0	7.30	1131.6
64	-8.83	-1.35	0.623	0.185	5865.9	105318	6208.2	3173.4	-105.8	-249.0	10.29	532.9
	-9.11	5.90	704.44	397.5	0.07544	679.8	2083.7	0.002271	3.8173E-07		0.006978	50.15
57	124.48	10.33	0.298	0.808	5820.2	108455.0	6494.0	5874.4	-123.9	-84.9	7.34	1131.7
65	-8.83	-1.64	0.623	0.185	5948.8	106029	5900.2	4544.5	-119.5	-240.2	10.28	532.9
	-9.11	5.89	704.68	397.6	0.07651	684.5	2083.7	0.002270	3.8177E-07		0.007020	50.10
57	124.56	10.33	0.298	0.808	5787.1	107976.0	6424.4	6332.7	-126.3	-78.0	7.27	1131.6
66	-8.83	-1.77	0.623	0.185	5918.4	105545	5827.5	5032.2	-121.6	-234.4	10.20	532.8
	-9.11	5.88	704.74	397.6	0.07605	681.5	2083.6	0.002271	3.8170E-07		0.006986	50.18

RUN POINT	VKTS		COLLA		MU		MAT		THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND	
	ALFSC		LATA		MTIP		MTUN		LIFTQH		TORQ_QW		ROLLQH		PITCHQH		SIDEQH		DRAGQH		LOD_QS		TSR	
	ALFSU	OMR	LONGA		OMR		RPM		CTOS	HP	PS	RHO	PS		RHO	VISC					CPOS		Q	
57	124.68	0.299	10.27		0.299		0.808		5778.7	106771.0	2769.3	6844.6					-153.9		-76.6		7.44		1131.7	
67	-8.83	0.623	-2.11		0.623		0.186		5912.7	104335	2169.3	5573.7					-148.9		-234.1		10.58		532.9	
	-9.11	704.64	6.07		704.64		397.6		0.07599	673.8	2083.4	0.002270					3.8177E-07				0.006913		50.26	
57	124.74	0.299	10.27		0.299		0.808		5695.2	106449.0	2656.4	5482.8					-141.6		-90.8		7.40		1132.0	
68	-8.83	0.622	-1.68		0.622		0.186		5830.1	104012	2055.5	4221.2					-136.5		-248.6		10.57		533.2	
	-9.11	704.62	6.20		704.62		397.6		0.07493	671.8	2083.4	0.002269					3.8191E-07				0.006896		50.28	
57	124.57	0.298	10.26		0.298		0.808		5849.0	106239.0	3720.8	8669.9					-137.3		-46.4		7.42		1132.0	
69	-8.82	0.623	-1.56		0.623		0.185		5979.4	103810	3125.0	7359.5					-132.7		-202.5		10.44		533.2	
	-9.11	704.89	5.88		704.89		397.7		0.07689	670.7	2083.5	0.002269					3.8192E-07				0.006876		50.15	
61	83.93	0.200	4.26		0.200		0.747		5770.2	31720.1	921.4	9645.1					-166.0		-169.3		7.11		1140.3	
20	2.63	0.623	-2.04		0.623		0.124		5807.5	29837.4	1048.2	9005.8					-157.1		-252.7		8.50		541.0	
	2.00	709.85	2.51		709.85		400.5		0.07524	201.7	2102.9	0.002256					3.8624E-07				0.002037		22.63	
61	83.88	0.199	4.28		0.199		0.746		5790.0	31769.9	950.9	6797.1					-165.1		-188.9		7.29		1140.4	
21	2.63	0.622	-2.04		0.622		0.124		5827.3	29887.8	1077.6	6159.3					-156.1		-272.3		8.75		541.1	
	2.00	709.79	2.51		709.79		400.5		0.07553	202.0	2103.0	0.002255					3.8629E-07				0.002041		22.60	
61	83.61	0.199	1.40		0.199		0.747		3000.3	22315.3	213.5	12387.3					-92.4		-133.5		5.75		1140.4	
22	2.33	0.623	-1.14		0.623		0.124		3037.7	20436	339.5	11757.1					-83.5		-216.5		7.72		541.2	
	2.00	710.58	0.80		710.58		400.9		0.03905	142.0	2103.2	0.002255					3.8632E-07				0.001430		22.46	
61	83.84	0.199	1.58		0.199		0.747		3067.4	23207.4	213.6	12002.9					-92.7		-136.4		5.66		1140.5	
23	2.34	0.623	-1.14		0.623		0.124		3104.8	21325.8	340.1	11366.6					-83.8		-219.7		7.51		541.2	
	2.00	710.60	0.81		710.60		400.9		0.03992	147.7	2103.1	0.002255					3.8634E-07				0.001487		22.57	
61	84.02	0.200	3.06		0.200		0.747		4692.7	26023.6	-220.8	11468.3					-136.0		-143.1		7.11		1140.6	
24	2.51	0.623	-1.76		0.623		0.124		4730.0	24140.2	-94.0	10827.2					-127.0		-226.6		8.90		541.3	
	2.00	710.64	1.75		710.64		401.0		0.06109	165.7	2102.9	0.002255					3.8639E-07				0.001668		22.67	

RUN POINT	VKTS		COLLA		MU		MAT		THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND	
	ALFSC		LATA		MTIP		MTUN		LIFTQH		TORQ_QW		ROLLQH		PITCHQH		SIDEQH		DRAGQH		LOD_QS		TSR	
	ALFSU	OMR	LONGA		OMR		RPM		CTOS		HP		PS		RHO		VISC				CPOS		Q	
61	84.08	0.200	3.05		0.200		0.747		4598.3		26347.6		-651.9		8815.3		-136.7		-159.7		7.10		1140.6	
25	2.50	0.623	-1.76		0.623		0.124		4635.6		24463.6		-525.0		8172.5		-127.7		-243.3		8.93		541.4	
	2.00	710.64	1.75		710.64		401.0		0.05987		167.7		2102.9		0.002254		3.8643E-07				0.001689		22.70	
61	84.24	0.200	4.69		0.200		0.747		6304.3		33540.3		1991.5		8055.3		-174.5		-174.1		7.26		1140.7	
26	2.68	0.623	-2.11		0.623		0.124		6341.6		31654.7		2118.7		7408.0		-165.6		-257.9		8.58		541.5	
	2.00	710.35	2.71		710.35		400.8		0.08216		213.4		2102.8		0.002254		3.8646E-07				0.002152		22.78	
61	84.20	0.200	4.63		0.200		0.747		6076.3		33839.0		1395.3		8732.1		-171.6		-175.3		7.01		1140.7	
27	2.65	0.623	-2.11		0.623		0.124		6113.6		31953.8		1522.4		8086.0		-162.6		-259.0		8.29		541.5	
	2.00	710.44	2.71		710.44		400.8		0.07917		215.3		2102.8		0.002254		3.8647E-07				0.002171		22.76	
61	84.25	0.200	5.31		0.200		0.747		6897.5		36985.7		1965.0		11253.5		-197.8		-148.0		6.90		1140.8	
28	2.74	0.623	-2.32		0.623		0.124		6934.7		35100		2092.2		10606.2		-188.9		-231.8		7.97		541.5	
	2.00	710.49	2.93		710.49		400.9		0.08987		235.4		2102.7		0.002253		3.8648E-07				0.002373		22.78	
61	84.15	0.200	5.32		0.200		0.747		6953.0		36652.9		1978.0		10224.0		-198.5		-155.5		7.05		1140.7	
29	2.75	0.623	-2.33		0.623		0.124		6990.3		34768.3		2105.0		9579.5		-189.6		-239.2		8.15		541.5	
	2.00	710.51	2.93		710.51		400.9		0.09058		233.3		2102.8		0.002254		3.8646E-07				0.002351		22.73	
61	84.27	0.200	6.14		0.200		0.747		7640.9		43602.0		1391.1		9551.8		-237.2		-176.5		6.60		1140.8	
30	2.82	0.623	-2.64		0.623		0.124		7678.2		41716.2		1518.3		8904.0		-228.2		-260.3		7.46		541.5	
	2.00	710.39	3.55		710.39		400.8		0.09959		277.4		2102.7		0.002253		3.8648E-07				0.002798		22.79	
61	84.27	0.200	6.19		0.200		0.747		7701.6		43760.1		1665.0		9226.0		-237.3		-177.0		6.62		1140.7	
31	2.83	0.623	-2.64		0.623		0.124		7738.9		41874.3		1792.2		8578.2		-228.4		-260.8		7.48		541.5	
	2.00	710.36	3.55		710.36		400.8		0.10038		278.4		2102.6		0.002253		3.8646E-07				0.002808		22.79	
61	84.15	0.200	4.26		0.200		0.747		5793.8		31342.6		4066.2		11268.9		-143.5		-152.1		7.07		1140.8	
32	2.63	0.623	-1.79		0.623		0.124		5831.1		29458.1		4193.2		10624.7		-134.5		-235.8		8.45		541.5	
	2.00	710.50	2.41		710.50		400.9		0.07549		199.5		2102.7		0.002253		3.8649E-07				0.002011		22.72	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS LOD_QS CPOS	CSND TSR Q
61	84.16	4.26	0.200	0.747	5774.2	31472.6	3601.9	8384.5	-146.0	-172.0	7.20	1140.7
33	2.62	-1.79	0.623	0.124	5811.5	29587.9	3728.9	7740.0	-137.0	-255.7	8.64	541.5
	2.00	2.41	710.64	401.0	0.07521	200.3	2102.7	0.002253	3.8648E-07		0.002018	22.73
63	124.05	11.15	0.299	0.810	6635.6	121949.0	-658.5	8912.6	-206.4	-103.5	7.68	1121.1
29	-8.79	-2.36	0.624	0.186	6768.0	119516	-1256.5	7623.2	-201.6	-260.2	10.46	523.0
	-9.11	6.80	699.10	394.4	0.08750	763.7	2073.5	0.002299	3.7627E-07		0.007917	50.39
63	124.09	11.30	0.300	0.810	6765.9	124427.0	5414.1	9363.7	-174.4	-103.9	7.66	1121.5
30	-8.78	-2.36	0.623	0.186	6898.0	121995	4816.2	8072.5	-169.6	-260.6	10.34	523.4
	-9.11	6.80	699.13	394.5	0.08926	779.2	2073.5	0.002297	3.7647E-07		0.008083	50.39
63	124.11	11.34	0.300	0.810	6874.0	124547.0	5877.5	12285.2	-172.9	-79.7	7.71	1121.5
31	-8.78	-2.34	0.623	0.186	7006.7	122114	5279.1	10999.4	-168.1	-236.6	10.38	523.4
	-9.11	6.97	699.20	394.5	0.09067	780.1	2073.5	0.002297	3.7647E-07		0.008089	50.40
63	124.15	11.43	0.300	0.810	6849.7	126454.0	3643.3	9378.6	-183.4	-116.0	7.69	1121.6
32	-8.78	-2.34	0.623	0.186	6983.0	124019	3044.2	8099.8	-178.5	-273.1	10.37	523.5
	-9.11	7.31	699.11	394.4	0.09040	791.9	2073.4	0.002297	3.7654E-07		0.008217	50.42
63	124.11	11.40	0.300	0.809	6879.6	125794.0	3718.6	10846.7	-181.4	-101.1	7.73	1121.9
33	-8.78	-2.15	0.623	0.186	7010.8	123364	3121.7	9546.0	-176.7	-257.5	10.40	523.8
	-9.11	7.34	699.17	394.5	0.09083	787.8	2073.4	0.002296	3.7668E-07		0.008178	50.36
63	124.18	11.47	0.300	0.810	6959.8	127400.0	5422.0	10599.4	-160.7	-98.1	7.67	1121.7
34	-8.77	-1.81	0.624	0.186	7093.8	124964	4822.0	9327.8	-155.7	-255.4	10.28	523.5
	-9.11	7.34	699.69	394.8	0.09172	798.5	2073.4	0.002297	3.7655E-07		0.008267	50.44
63	124.17	11.55	0.300	0.810	6829.0	130246.0	1600.2	5371.3	-183.0	-172.6	7.58	1121.8
35	-8.78	-1.92	0.623	0.186	6962.5	127811	1000.8	4094.8	-178.0	-329.8	10.18	523.6
	-9.11	7.68	699.13	394.5	0.09015	815.7	2073.4	0.002296	3.7660E-07		0.008466	50.43

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU		MAT	THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND TSR Q
			MTIP	OMR		LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC	DRAGQH	DRAGQH	LOD_QS	CPOS	
					RPM															
63	124.18	11.45	0.300		0.810	6876.6		128449.0		2515.8		7798.9		-174.7		-126.1		7.55		1122.1
36	-8.78	-1.78	0.623		0.186	7009.3		126015		1917.2		6513.8		-169.9		-283.0		10.11		524.0
	-9.11	7.26	699.51		394.7	0.09074		804.9		2073.4		0.002295		3.7679E-07				0.008345		50.40
63	124.14	11.45	0.300		0.809	6903.6		128195.0		3505.2		9529.1		-172.1		-95.9		7.42		1122.1
37	-8.77	-1.78	0.623		0.186	7035.2		125764		2908.1		8231.1		-167.3		-252.4		9.85		524.0
	-9.11	6.88	698.81		394.3	0.09128		802.5		2073.4		0.002295		3.7679E-07				0.008345		50.37
63	124.11	11.51	0.300		0.809	6919.9		129082.0		7886.0		10116.0		-140.0		-88.3		7.28		1122.1
38	-8.77	-1.63	0.623		0.186	7050.6		126653		7289.9		8808.2		-135.4		-244.4		9.59		523.9
	-9.11	6.73	699.02		394.4	0.09143		808.3		2073.4		0.002295		3.7678E-07				0.008397		50.34
63	123.95	11.56	0.299		0.809	6932.4		130582.0		2832.6		6873.1		-192.3		-129.4		7.40		1122.3
39	-8.77	-2.22	0.623		0.186	7058.0		128163		2242.2		5510.6		-188.2		-283.6		9.75		524.1
	-9.11	6.81	699.07		394.4	0.09162		817.7		2073.5		0.002294		3.7689E-07				0.008497		50.20
63	124.16	11.51	0.300		0.809	7006.8		128933.0		5511.0		9652.3		-177.0		-87.9		7.50		1122.4
40	-8.77	-2.23	0.623		0.186	7137.9		126502		4914.3		8349.9		-172.3		-244.2		9.93		524.2
	-9.11	6.57	699.18		394.5	0.09260		807.5		2073.3		0.002294		3.7693E-07				0.008390		50.35
63	124.05	11.40	0.299		0.809	6802.8		126741.0		6296.6		8209.2		-163.3		-119.7		7.54		1122.5
41	-8.78	-2.27	0.623		0.186	6930.8		124317		5703.5		6872.3		-159.0		-274.8		10.08		524.3
	-9.11	6.85	699.36		394.6	0.08987		794.0		2073.4		0.002293		3.7697E-07				0.008244		50.26
63	124.08	11.54	0.299		0.809	6916.4		129144.0		4320.2		7115.7		-185.4		-139.7		7.66		1122.7
42	-8.77	-2.50	0.623		0.186	7044.5		126720		3727.0		5779.3		-181.0		-294.8		10.22		524.5
	-9.11	7.14	699.36		394.6	0.09140		809.1		2073.4		0.002292		3.7711E-07				0.008403		50.27
63	124.20	11.63	0.300		0.809	7003.6		130977.0		4693.0		8216.9		-174.7		-135.9		7.60		1122.9
43	-8.77	-2.10	0.623		0.186	7134.5		128547		4096.6		6912.1		-170.0		-292.2		10.11		524.7
	-9.11	7.35	699.36		394.6	0.09258		820.6		2073.4		0.002292		3.7719E-07				0.008525		50.35

## **APPENDIX H --- VIBRATION REDUCTION STATIC DATA**

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS LOD_QS CPOS	CSND TSR Q
45	83.26	4.15	0.199	0.746	5802.4	30803.9	1956.4	8895.4	-171.6	-133.8	7.01	1134.9
22	2.63	-2.04	0.623	0.124	5839.8	28924.1	2082.5	8263.8	-162.6	-216.8	8.34	535.9
	2.00	2.42	706.52	398.6	0.07569	194.9	2099.5	0.002276	3.8300E-07		0.001979	22.47
45	83.12	4.15	0.199	0.746	5747.3	30952.5	1714.0	9694.9	-170.1	-121.3	6.81	1135.0
23	2.63	-2.04	0.622	0.123	5784.7	29074.3	1839.9	9067.5	-161.2	-204.2	8.08	536.0
	2.00	2.25	706.53	398.6	0.07498	195.9	2099.5	0.002276	3.8300E-07		0.001988	22.39
45	83.21	4.15	0.199	0.746	5768.3	30412.4	2057.5	11354.0	-169.1	-108.2	6.84	1135.3
24	2.63	-2.04	0.622	0.124	5805.6	28533.4	2183.5	10724.6	-160.2	-191.2	8.12	536.3
	2.00	2.25	706.48	398.6	0.07531	192.4	2099.4	0.002274	3.8400E-07		0.001955	22.43
45	83.21	4.15	0.199	0.746	5763.0	30966.3	1518.4	8527.0	-172.0	-121.3	6.82	1135.4
25	2.63	-2.04	0.623	0.124	5800.4	29087.4	1644.4	7897.8	-163.1	-204.2	8.10	536.4
	2.00	2.25	707.16	399.0	0.07511	196.1	2099.2	0.002274	3.8400E-07		0.001987	22.43
45	83.23	4.15	0.199	0.746	5706.1	31423.5	1377.4	8210.4	-169.9	-121.9	6.69	1135.4
26	2.62	-2.04	0.623	0.124	5743.5	29544.6	1503.4	7581.1	-161.0	-204.9	7.92	536.4
	2.00	2.25	707.28	399.1	0.07437	199.1	2099.0	0.002273	3.8400E-07		0.002016	22.43
45	83.23	4.15	0.199	0.746	5661.6	31664.3	1129.2	7964.8	-170.9	-122.6	6.61	1135.4
27	2.62	-2.04	0.623	0.124	5698.9	29785.4	1255.2	7335.5	-161.9	-205.6	7.83	536.4
	2.00	2.25	707.12	399.0	0.07383	200.5	2099.0	0.002273	3.8400E-07		0.002033	22.43
45	83.29	4.15	0.199	0.746	5840.9	30208.7	1725.6	9645.8	-169.5	-107.4	6.94	1135.7
28	2.64	-2.04	0.623	0.124	5878.3	28329.3	1851.7	9015.4	-160.5	-190.4	8.24	536.7
	2.00	2.24	707.36	399.1	0.07615	191.4	2099.1	0.002272	3.8400E-07		0.001939	22.45
45	83.25	4.15	0.199	0.746	5735.4	30862.3	1529.3	9372.5	-169.8	-109.2	6.72	1135.8
29	2.63	-2.04	0.623	0.124	5772.8	28983.5	1655.3	8743.4	-160.9	-192.1	7.97	536.8
	2.00	2.24	707.24	399.0	0.07481	195.5	2099.2	0.002272	3.8400E-07		0.001982	22.42

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS LOD_QS CPOS	CSND TSR Q
45	83.20	4.15	0.199	0.746	5756.4	30737.5	1493.4	9830.4	-170.0	-107.2	6.75	1135.8
	30	2.63	-2.04	0.623	5793.8	28859.1	1619.3	9202.7	-161.1	-190.1	8.00	536.8
	2.00	2.24	707.13	399.0	0.07510	194.7	2099.2	0.002272	3.8400E-07		0.001975	22.40
46	122.84	10.07	0.299	0.808	5732.3	101611.0	3821.5	11572.1	-148.0	-45.4	7.82	1115.9
22	-8.83	-1.60	0.622	0.185	5842.8	99222.6	3248.4	10044.1	-145.6	-193.9	11.05	518.1
	-9.11	5.51	694.47	391.8	0.07601	632.1	2068.2	0.002316	3.7400E-07		0.006634	49.78
46	122.87	10.07	0.298	0.808	5707.2	102476.0	3416.1	11031.4	-148.3	-60.9	7.73	1116.6
23	-8.83	-1.59	0.623	0.185	5815.7	100091	2845.2	9482.6	-146.1	-208.6	10.87	518.8
	-9.11	5.63	695.47	392.4	0.07557	638.4	2067.9	0.002313	3.7400E-07		0.006681	49.72
46	123.16	10.07	0.299	0.809	5728.6	102745.0	4201.2	11584.0	-144.2	-60.3	7.78	1117.1
24	-8.83	-1.60	0.623	0.186	5844.0	100347	3622.3	10110.3	-141.2	-210.7	11.04	519.2
	-9.11	5.63	695.73	392.5	0.07587	640.3	2067.8	0.002310	3.7400E-07		0.006700	49.91
46	123.22	10.07	0.299	0.808	5712.9	102402.0	4812.1	11173.6	-135.9	-61.0	7.80	1117.3
25	-8.83	-1.55	0.623	0.186	5829.2	100001	4232.3	9709.4	-132.8	-211.7	11.12	519.5
	-9.11	5.63	695.80	392.6	0.07568	638.3	2067.7	0.002309	3.7400E-07		0.006679	49.94
57	124.57	10.13	0.299	0.809	5700.4	104559.0	1560.3	8719.5	-143.8	-63.2	7.46	1128.9
47	-8.83	-1.68	0.623	0.186	5840.4	102111	953.5	7514.2	-138.2	-222.9	10.76	530.3
	-9.11	5.83	703.22	396.8	0.07486	658.6	2084.0	0.002282	3.8000E-07		0.006761	50.44
57	124.76	10.10	0.299	0.808	5616.1	103376.0	459.0	9345.5	-149.0	-42.7	7.25	1130.2
50	-8.84	-1.68	0.622	0.186	5757.5	100924	-149.5	8155.6	-143.2	-202.9	10.40	531.5
	-9.11	5.68	703.17	396.7	0.07392	651.1	2083.9	0.002277	3.8100E-07		0.006699	50.48
57	124.49	10.10	0.299	0.808	5687.4	103782.0	835.5	8970.0	-151.5	-45.9	7.36	1130.2
51	-8.83	-1.68	0.623	0.186	5821.4	101346	235.5	7698.8	-146.5	-203.3	10.49	531.5
	-9.11	5.68	703.78	397.1	0.07473	654.2	2084.0	0.002277	3.8100E-07		0.006714	50.26

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS LOD_QS	CSND TSR	Q
57	124.53	10.07	0.299	0.808	5713.1	102807.0	3078.5	11336.7	-139.8	-27.1	7.43	1130.4	
52	-8.83	-1.59	0.622	0.186	5847.5	100370	2478.2	10069.0	-134.7	-184.6	10.59	531.7	
	-9.11	5.60	703.69	397.0	0.07514	647.9	2083.9	0.002276	3.8100E-07		0.006657	50.27	
57	124.57	10.07	0.299	0.808	5704.0	103697.0	2750.7	11117.0	-140.7	-24.5	7.23	1130.6	
53	-8.83	-1.59	0.623	0.186	5838.6	101259	2150.0	9853.2	-135.7	-182.2	10.22	531.9	
	-9.11	5.60	704.09	397.3	0.07496	653.9	2083.8	0.002275	3.8100E-07		0.006710	50.28	
58	61.47	4.05	0.149	0.715	5914.2	31325.7	1961.8	8425.2	-164.8	-266.5	5.00	1121.1	
25	5.15	-2.38	0.623	0.092	5943.6	29664.9	1887.8	8045.6	-152.3	-318.2	5.51	523.0	
	4.00	1.76	698.22	393.9	0.07650	195.9	2117.0	0.002349	3.7600E-07		0.001995	12.64	
58	67.74	4.48	0.165	0.718	5692.0	35176.5	1502.7	9711.4	-165.4	-218.3	5.62	1126.1	
60	2.73	-2.30	0.617	0.101	5730.2	33449.5	1483.8	9397.3	-155.2	-281.1	6.37	527.7	
	1.81	2.06	694.95	392.1	0.07515	219.0	2114.4	0.002324	3.7900E-07		0.002287	15.19	
58	67.83	4.48	0.165	0.718	5650.4	35417.4	1371.2	10305.8	-165.6	-213.5	5.53	1126.1	
61	2.72	-2.30	0.617	0.101	5688.6	33689.6	1353.5	9990.5	-155.5	-276.4	6.26	527.7	
	1.81	2.06	694.80	392.0	0.07463	220.4	2114.4	0.002324	3.7900E-07		0.002303	15.23	
61	82.94	4.21	0.198	0.746	5750.9	31228.2	2358.0	9901.6	-148.7	-184.5	7.27	1136.5	
4	2.63	-1.91	0.623	0.123	5788.3	29352.8	2483.2	9281.8	-139.7	-267.1	8.73	537.5	
	2.00	2.35	707.96	399.4	0.07486	198.0	2104.5	0.002272	3.8400E-07		0.002001	22.26	
61	83.34	4.33	0.199	0.746	5856.5	31744.6	1594.1	10767.9	-157.5	-168.7	7.15	1137.1	
5	2.64	-2.03	0.623	0.123	5893.9	29865.5	1720.1	10138.3	-148.5	-251.7	8.53	538.1	
	2.00	2.38	707.88	399.4	0.07636	201.3	2104.0	0.002269	3.8500E-07		0.002038	22.45	
61	83.55	4.31	0.199	0.747	5925.2	31351.5	1636.5	10176.9	-158.2	-170.1	7.32	1137.5	
6	2.64	-2.03	0.623	0.124	5962.5	29470.6	1762.9	9542.2	-149.3	-253.3	8.75	538.4	
	2.00	2.38	708.80	399.9	0.07710	199.0	2103.9	0.002267	3.8500E-07		0.002009	22.54	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
61 7	83.70	4.28	0.199	0.747	5764.8	31658.0	1093.2	9168.1	-160.3	-186.0	7.26	1137.7	
	2.62	-2.04	0.623	0.124	5802.1	29775.6	1219.9	8529.5	-151.4	-269.4	8.72	538.6	
	2.00	2.53	708.77	399.9	0.07503	201.0	2103.7	0.002267	3.8500E-07		0.002029	22.62	
61 8	83.69	4.43	0.199	0.747	5973.8	32147.9	1680.5	9380.3	-163.6	-177.2	7.26	1138.2	
	2.65	-2.05	0.623	0.124	6011.1	30265.9	1807.1	8743.0	-154.6	-260.6	8.66	539.1	
	2.00	2.53	708.70	399.9	0.07783	204.1	2103.5	0.002265	3.8500E-07		0.002062	22.59	
61 9	83.73	4.42	0.199	0.747	5915.2	32740.4	1459.7	8537.8	-167.8	-180.9	7.12	1138.6	
	2.64	-2.04	0.623	0.124	5952.5	30858.3	1586.3	7900.2	-158.8	-264.2	8.47	539.4	
	2.00	2.53	709.15	400.1	0.07703	208.0	2103.4	0.002263	3.8500E-07		0.002099	22.60	
61 10	83.79	4.29	0.199	0.747	5771.1	31831.3	964.3	9742.8	-166.3	-177.1	7.15	1138.8	
	2.63	-2.05	0.623	0.124	5808.4	29948.9	1091.0	9104.1	-157.4	-260.5	8.56	539.6	
	2.00	2.52	708.99	400.0	0.07523	202.1	2103.3	0.002262	3.8500E-07		0.002043	22.62	
61 11	83.82	4.29	0.200	0.747	5757.7	31946.3	865.4	7729.9	-165.3	-191.8	7.25	1138.8	
	2.62	-2.05	0.623	0.124	5795.1	30063.6	992.2	7090.5	-156.3	-275.2	8.70	539.7	
	2.00	2.52	709.02	400.0	0.07505	202.9	2103.2	0.002262	3.8500E-07		0.002050	22.63	
63 21	124.13	10.13	0.301	0.810	5694.8	103790.0	3424.6	9101.0	-146.5	-60.9	7.62	1118.1	
	-8.83	-1.59	0.623	0.187	5838.4	101335	2813.6	7934.8	-140.5	-221.9	11.13	520.2	
	-9.11	5.73	696.58	393.0	0.07521	647.6	2073.6	0.002311	3.7500E-07		0.006749	50.72	
63 22	124.06	10.18	0.300	0.809	5780.2	104404.0	3898.9	9200.6	-142.6	-64.8	7.80	1119.2	
	-8.83	-1.57	0.623	0.187	5918.6	101959	3293.9	7977.1	-137.1	-223.9	11.35	521.2	
	-9.11	5.80	696.83	393.2	0.07643	651.7	2073.5	0.002307	3.7500E-07		0.006797	50.57	
63 23	124.09	10.12	0.301	0.809	5602.7	103063.0	3324.1	7538.7	-138.5	-82.0	7.67	1119.5	
	-8.84	-1.56	0.622	0.187	5740.8	100619	2719.4	6312.5	-133.1	-240.9	11.25	521.5	
	-9.11	5.78	696.73	393.1	0.07415	643.3	2073.5	0.002306	3.7500E-07		0.006716	50.56	

RUN POINT	VKTS ALFSC ALFSU	COLLA		MU		MAT	THRUST		TORQ		ROLLRH		PITCHRH		SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
		LATA	LONGA	MTIP	OMR		LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO			LOD_QS	CPOS	
63	124.10	10.14		0.300		0.809	5741.2		104705.0		3587.8		9357.9		-138.3	-66.4	7.63		1120.0
24	-8.83	-1.57		0.623		0.187	5878.2		102263		2984.4		8119.5		-133.0	-224.9	11.03		522.0
	-9.11	5.86		697.41		393.5	0.07589		654.2		2073.6		0.002304		3.7600E-07		0.006815		50.53
63	124.02	10.15		0.300		0.809	5701.7		104133.0		3584.8		11483.2		-133.3	-39.0	7.33		1120.3
25	-8.83	-1.51		0.623		0.186	5835.6		101697		2984.9		10211.5		-128.4	-196.4	10.41		522.3
	-9.11	5.55		697.83		393.7	0.07532		651.0		2073.6		0.002302		3.7600E-07		0.006773		50.44

## **APPENDIX J --- CONTROL POWER STATIC DATA**

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		TSR Q	CSND
											LOD_QS	CPOS		
46	123.44	10.23	0.299	0.808	5663.0	105170.0	1064.6	5966.9	-157.5	-127.1	7.84		1120.2	
71	-8.83	-1.79	0.623	0.186	5775.5	102778	489.1	4461.8	-154.9	-276.4	11.18		522.1	
	-9.11	6.18	697.62	393.6	0.07507	657.2	2066.7	0.002296	3.7578E-07		0.006865		49.83	
46	123.48	10.32	0.299	0.808	5327.2	106585.0	-425.6	-6180.5	-160.5	-275.7	8.15		1120.4	
72	-8.85	-1.79	0.623	0.186	5440.2	104191	-1001.7	-7680.4	-157.8	-425.2	12.19		522.3	
	-9.11	7.16	697.51	393.5	0.07067	666.0	2066.7	0.002295	3.7587E-07		0.006961		49.85	
46	123.47	10.33	0.299	0.808	4765.1	104868.0	-2539.5	-18631.3	-163.8	-419.9	8.30		1120.3	
73	-8.88	-1.80	0.623	0.186	4877.9	102475	-3115.2	-20134.3	-161.1	-569.2	13.35		522.3	
	-9.11	8.18	697.62	393.6	0.06318	655.4	2066.6	0.002295	3.7585E-07		0.006846		49.84	
46	123.45	10.36	0.299	0.808	5782.0	107515.0	1552.2	5597.5	-162.0	-128.5	7.80		1120.5	
74	-8.83	-1.79	0.623	0.186	5893.7	105124	977.6	4082.9	-159.4	-277.5	11.00		522.4	
	-9.11	6.23	697.58	393.6	0.07670	671.9	2066.6	0.002295	3.7594E-07		0.007022		49.81	
46	123.45	10.37	0.298	0.808	6339.0	106575.0	4365.7	20627.1	-161.7	63.4	7.68		1120.5	
75	-8.80	-1.79	0.623	0.186	6450.8	104184	3791.0	19113.4	-159.1	-85.6	10.39		522.5	
	-9.11	5.20	698.03	393.8	0.08398	666.4	2066.7	0.002295	3.7596E-07		0.006952		49.81	
46	123.35	9.68	0.298	0.808	5954.8	95780.2	2433.5	25732.5	-159.8	130.1	7.70		1120.6	
76	-8.82	-1.79	0.623	0.185	6063.3	93395.4	1862.5	24183.5	-157.6	-17.7	10.61		522.5	
	-9.11	4.24	698.15	393.9	0.07888	599.0	2066.7	0.002294	3.7600E-07		0.006247		49.72	
46	123.48	10.26	0.299	0.808	5730.1	106078.0	1244.3	6409.3	-160.0	-122.1	7.82		1120.7	
77	-8.83	-1.79	0.623	0.186	5842.1	103686	669.4	4897.8	-157.4	-271.2	11.08		522.6	
	-9.11	6.21	698.09	393.9	0.07593	663.4	2066.5	0.002294	3.7605E-07		0.006921		49.82	
46	123.33	10.26	0.298	0.808	5556.7	105144.0	11717.9	3861.8	-74.2	-150.0	7.72		1120.8	
78	-8.84	-0.81	0.623	0.185	5664.1	102761	11148.2	2301.1	-72.1	-297.3	10.96		522.7	
	-9.11	6.22	698.12	393.9	0.07363	657.6	2066.6	0.002294	3.7610E-07		0.006860		49.69	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		TSR	CSND
											LOD_QS	CPOS		
46	123.34	10.26	0.298	0.808	5726.8	106162.0	1163.4	5495.0	-159.5	-129.2	7.85		1120.9	
79	-8.83	-1.80	0.623	0.185	5834.2	103780	593.7	3933.8	-157.4	-276.5	11.08		522.8	
	-9.11	6.21	698.13	393.9	0.07591	663.9	2066.7	0.002293	3.7617E-07		0.006929		49.69	
46	123.48	10.17	0.299	0.808	5762.9	105411.0	-10794.6	6610.1	-252.2	-119.4	8.02		1121.2	
80	-8.83	-2.87	0.623	0.186	5873.5	103022	-11368.0	5084.3	-249.8	-267.9	11.43		523.0	
	-9.11	6.20	698.01	393.8	0.07645	659.1	2066.6	0.002292	3.7628E-07		0.006885		49.78	
46	123.44	10.13	0.298	0.808	5560.2	103875.0	98.0	4083.5	-162.0	-141.8	7.89		1121.1	
81	-8.84	-1.81	0.623	0.185	5669.8	101488	-474.2	2546.6	-159.7	-290.0	11.34		523.0	
	-9.11	6.21	698.03	393.8	0.07373	649.6	2066.6	0.002293	3.7623E-07		0.006782		49.75	
48	82.23	6.99	0.200	0.748	5904.5	66786.6	2849.8	10349.3	-173.5	-180.2	6.57		1111.1	
21	-4.88	-2.02	0.623	0.125	5979.4	64874.1	2805.6	10153.3	-169.5	-272.0	7.94		513.8	
	-5.51	3.34	692.52	390.7	0.07681	414.2	2100.1	0.002374	3.7108E-07		0.004278		22.86	
48	82.31	8.00	0.201	0.748	6990.7	77242.8	7775.1	16499.0	-169.7	-87.1	6.13		1111.3	
22	-4.77	-2.03	0.623	0.125	7065.6	75329.5	7730.9	16300.9	-165.7	-179.1	7.10		513.9	
	-5.51	3.34	691.98	390.4	0.09111	478.7	2100.0	0.002373	3.7113E-07		0.004956		22.90	
48	82.21	6.04	0.200	0.748	4694.5	57193.8	-2102.1	2789.6	-166.5	-251.1	6.62		1111.3	
23	-5.01	-2.02	0.623	0.125	4769.4	55281.6	-2146.4	2594.5	-162.5	-343.0	8.47		513.9	
	-5.51	3.34	692.37	390.6	0.06112	354.7	2100.1	0.002373	3.7117E-07		0.003666		22.85	
48	82.22	6.93	0.200	0.748	5748.2	66104.5	1851.8	9189.1	-173.4	-189.4	6.47		1111.4	
24	-4.90	-2.05	0.623	0.125	5823.1	64192.2	1807.5	8993.9	-169.4	-281.2	7.85		514.0	
	-5.51	3.34	692.37	390.6	0.07485	409.9	2100.2	0.002373	3.7122E-07		0.004238		22.85	
48	82.24	6.92	0.200	0.748	5495.3	67302.4	570.8	-1443.2	-172.6	-323.2	6.79		1111.6	
25	-4.92	-2.05	0.623	0.125	5570.2	65390.1	526.5	-1638.6	-168.6	-415.0	8.39		514.2	
	-5.51	4.29	692.47	390.7	0.07155	417.4	2100.2	0.002372	3.7131E-07		0.004314		22.85	

RUN POINT	VKTS		COLLA		MU		MAT		THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND	
	ALFSC		LATA		MTIP		MTUN		LIFTQH		TORQ_QW		ROLLQH		PITCHQH		SIDEQH		DRAGQH		LOD_QS		TSR	
	ALFSU		LONGA		OMR		RPM		CTOS		HP		PS		RHO		VISC				CPOS		Q	
48	82.30	6.92			0.201		0.748		5182.8		68297.3		-635.0		-11043.6		-177.5		-452.1		7.05		1111.6	
26	-4.96	-2.05			0.623		0.125		5257.6		66384.3		-679.2		-11240.9		-173.5		-544.0		8.93		514.1	
	-5.51	5.27			692.50		390.7		0.06748		423.6		2100.1		0.002372		3.7129E-07				0.004378		22.89	
48	82.21	6.93			0.200		0.748		6077.6		64088.3		3217.6		20140.2		-174.0		-42.0		6.38		1111.7	
27	-4.86	-2.05			0.623		0.125		6152.5		62176.4		3173.2		19946.0		-170.0		-133.8		7.63		514.3	
	-5.51	2.31			692.54		390.7		0.07914		397.5		2100.2		0.002372		3.7137E-07				0.004109		22.83	
48	82.11	6.93			0.200		0.747		6448.1		61831.8		4375.0		30103.4		-173.4		117.8		6.32		1111.8	
28	-4.82	-2.05			0.623		0.124		6523.0		59921		4330.5		29912.2		-169.4		26.1		7.45		514.3	
	-5.51	1.33			692.60		390.8		0.08396		383.5		2100.3		0.002371		3.7141E-07				0.003964		22.77	
48	82.29	6.89			0.201		0.747		5697.7		65859.6		1584.7		7751.6		-174.7		-199.5		6.51		1111.9	
29	-4.90	-2.05			0.623		0.125		5772.6		63947		1540.4		7555.7		-170.7		-291.4		7.91		514.5	
	-5.51	3.34			692.45		390.7		0.07424		408.4		2100.1		0.002371		3.7147E-07				0.004225		22.86	
48	82.18	6.89			0.200		0.747		5686.8		65028.7		12949.1		7516.3		-83.6		-201.4		6.64		1111.9	
30	-4.90	-1.01			0.623		0.125		5761.7		63117.3		12904.7		7323.5		-79.6		-293.2		8.11		514.4	
	-5.51	3.35			692.45		390.7		0.07409		403.3		2100.0		0.002371		3.7146E-07				0.004171		22.80	
48	82.17	6.90			0.200		0.747		5744.7		66491.9		-9095.9		7714.0		-259.7		-203.8		6.50		1111.9	
31	-4.90	-3.00			0.623		0.125		5819.6		64580.7		-9140.4		7521.6		-255.7		-295.5		7.88		514.4	
	-5.51	3.42			692.31		390.6		0.07488		412.3		2100.0		0.002371		3.7146E-07				0.004268		22.80	
48	82.11	6.84			0.200		0.747		5668.6		65115.0		1107.1		7770.6		-174.7		-202.8		6.59		1112.1	
32	-4.90	-2.07			0.623		0.124		5743.5		63204.6		1062.5		7580.3		-170.7		-294.4		8.04		514.6	
	-5.51	3.42			692.29		390.6		0.07392		403.7		2100.0		0.002370		3.7157E-07				0.004181		22.76	
48	82.13	6.87			0.200		0.747		5497.8		65086.4		56.2		3576.2		-174.0		-245.5		6.59		1112.2	
33	-4.92	-2.07			0.623		0.124		5572.7		63175.8		11.6		3385.5		-170.0		-337.2		8.09		514.7	
	-5.51	3.36			692.68		390.8		0.07162		403.8		2100.0		0.002369		3.7161E-07				0.004175		22.76	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS LOD_QS CPOS	CSND TSR Q
48	82.19	6.88	0.200	0.747	5944.5	66042.2	2287.6	13830.9	-178.2	-130.5	6.42	1112.2
34	-4.87	-2.07	0.623	0.125	6019.4	64131	2243.2	13638.6	-174.2	-222.2	7.71	514.8
	-5.51	3.34	692.48	390.7	0.07750	409.6	2099.9	0.002369	3.7164E-07		0.004239	22.80
48	82.23	6.87	0.200	0.747	5642.7	65110.3	2704.2	7987.9	-165.9	-198.0	6.52	1112.3
35	-4.91	-2.07	0.622	0.125	5717.6	63198.9	2659.8	7794.9	-162.0	-289.7	7.95	514.9
	-5.51	3.35	692.35	390.6	0.07360	403.7	2099.9	0.002369	3.7169E-07		0.004181	22.81
48	82.19	6.88	0.200	0.747	5850.1	65664.8	650.4	11414.6	-182.5	-161.4	6.53	1112.4
36	-4.88	-2.07	0.623	0.125	5925.0	63753.7	606.0	11222.6	-178.5	-253.1	7.89	514.9
	-5.51	3.35	692.86	390.9	0.07620	407.5	2099.9	0.002368	3.7171E-07		0.004211	22.79
48	82.10	6.87	0.200	0.747	5503.8	64797.3	-153.0	4904.4	-177.2	-223.1	6.48	1112.5
37	-4.92	-2.07	0.623	0.124	5578.7	62887.2	-197.6	4715.3	-173.2	-314.7	7.93	515.0
	-5.51	3.36	692.82	390.9	0.07171	402.1	2099.9	0.002368	3.7177E-07		0.004157	22.73
48	82.21	7.04	0.200	0.747	6003.6	67646.1	3238.4	12077.1	-171.2	-147.2	6.36	1112.4
38	-4.87	-2.07	0.623	0.125	6078.5	65734.8	3194.0	11884.5	-167.2	-238.9	7.61	514.9
	-5.51	3.28	692.69	390.8	0.07824	419.7	2099.9	0.002368	3.7172E-07		0.004341	22.80
48	82.26	6.82	0.200	0.747	5554.5	64797.4	412.7	5908.6	-174.0	-215.1	6.54	1112.7
40	-4.92	-2.07	0.623	0.125	5629.4	62885.8	368.3	5715.2	-170.0	-306.9	8.00	515.1
	-5.51	3.29	693.01	391.0	0.07236	402.2	2099.9	0.002367	3.7186E-07		0.004156	22.82
48	82.15	6.82	0.200	0.747	5478.2	64534.3	-9.7	3025.4	-174.2	-244.3	6.65	1112.8
41	-4.92	-2.07	0.623	0.124	5553.1	62624	-54.2	2835.5	-170.2	-336.0	8.19	515.3
	-5.51	3.29	693.02	391.0	0.07139	400.5	2099.9	0.002366	3.7195E-07		0.004141	22.75
48	82.24	7.18	0.200	0.747	5727.5	68161.2	632.9	2042.4	-178.1	-251.9	6.51	1112.8
42	-4.90	-2.07	0.623	0.125	5802.4	66250	588.4	1850.1	-174.1	-343.6	7.90	515.3
	-5.51	3.23	692.91	391.0	0.07465	423.0	2099.8	0.002366	3.7193E-07		0.004374	22.79

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST		TORQ TORQ_QW HP	ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND TSR Q
					LIFTQH	CTOS		ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC	DRAGQH	LOD_QS	CPOS		
48	82.22	7.33	0.200	0.748	6464.1	69771.3	4844.1	4844.1		17047.8		-175.7		-83.4		6.36		1112.9
43	-4.82	-2.07	0.623	0.124	6539.0	67860.4	4799.6	4799.6		16856.3		-171.7		-175.1		7.51		515.4
	-5.51	3.22	693.39	391.2	0.08417	433.3	2099.8	2099.8		0.002366	3.7201E-07					0.004473		22.78
48	82.21	7.33	0.200	0.748	6487.4	71126.9	5098.0	5098.0		18774.8		-174.8		-54.4		6.02		1113.0
44	-4.82	-2.07	0.623	0.124	6562.3	69216.1	5053.5	5053.5		18583.8		-170.8		-146.0		7.04		515.5
	-5.51	3.21	693.75	391.4	0.08439	441.9	2099.7	2099.7		0.002366	3.7204E-07					0.004556		22.77
48	82.21	7.33	0.200	0.748	6712.8	71489.8	6219.0	6219.0		22806.8		-174.2		2.7		5.99		1113.0
45	-4.79	-2.07	0.623	0.124	6787.8	69579.1	6174.5	6174.5		22615.8		-170.3		-88.9		6.95		515.5
	-5.51	3.21	693.90	391.5	0.08729	444.3	2099.7	2099.7		0.002365	3.7205E-07					0.004577		22.77
48	82.23	6.84	0.200	0.748	5643.4	64610.0	319.9	319.9		7545.3		-179.4		-189.1		6.53		1113.3
47	-4.91	-2.12	0.623	0.124	5718.4	62699.3	275.4	275.4		7354.3		-175.4		-280.7		7.95		515.7
	-5.51	3.23	693.74	391.4	0.07344	401.5	2099.7	2099.7		0.002364	3.7217E-07					0.004140		22.77
48	82.10	6.84	0.200	0.748	5434.1	64179.4	-330.0	-330.0		4974.1		-176.5		-211.2		6.35		1113.3
48	-4.93	-2.12	0.623	0.124	5509.1	62270.2	-374.8	-374.8		4787.0		-172.5		-302.7		7.76		515.8
	-5.51	3.24	693.87	391.5	0.07070	398.9	2099.7	2099.7		0.002364	3.7221E-07					0.004111		22.69
48	82.23	6.84	0.200	0.748	5895.4	65919.6	1457.6	1457.6		12137.6		-180.2		-142.0		6.41		1113.5
49	-4.88	-2.12	0.623	0.124	5970.3	64009	1413.0	1413.0		11947.0		-176.2		-233.7		7.71		516.0
	-5.51	3.22	694.15	391.6	0.07667	409.8	2099.7	2099.7		0.002363	3.7231E-07					0.004221		22.76
48	82.29	6.85	0.200	0.748	6033.7	66630.9	2039.9	2039.9		14615.3		-179.5		-113.7		6.35		1113.5
50	-4.87	-2.12	0.623	0.125	6108.7	64719.8	1995.4	1995.4		14423.2		-175.5		-205.4		7.59		515.9
	-5.51	3.21	694.08	391.6	0.07849	414.2	2099.7	2099.7		0.002363	3.7230E-07					0.004268		22.79
48	82.23	6.85	0.200	0.748	6121.3	67396.2	1841.3	1841.3		14962.7		-185.6		-103.5		6.30		1113.6
51	-4.85	-2.12	0.623	0.124	6196.2	65485.7	1796.8	1796.8		14772.2		-181.6		-195.1		7.49		516.0
	-5.51	3.20	693.96	391.5	0.07967	418.9	2099.7	2099.7		0.002363	3.7233E-07					0.004319		22.76

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS LOD_QS CPOS	CSND TSR Q
48	82.15	6.84	0.200	0.747	5733.2	65355.1	2747.9	8483.2	-167.2	-176.0	6.45	1113.8
53	-4.89	-2.05	0.623	0.124	5808.1	63445.7	2703.2	8295.7	-163.2	-267.5	7.81	516.2
	-5.51	3.29	693.99	391.6	0.07465	406.2	2099.7	0.002362	3.7244E-07		0.004190	22.70
48	82.36	6.84	0.200	0.748	5701.6	65481.5	4026.9	8213.4	-159.4	-178.2	6.41	1113.9
54	-4.90	-2.05	0.623	0.125	5776.5	63569.9	3982.5	8020.2	-155.4	-270.0	7.77	516.3
	-5.51	3.29	694.03	391.6	0.07425	407.0	2099.6	0.002361	3.7250E-07		0.004198	22.81
48	82.18	6.84	0.200	0.747	5668.9	65595.0	5691.1	8362.8	-150.4	-175.9	6.29	1113.8
55	-4.90	-2.05	0.623	0.124	5743.8	63685.2	5646.4	8174.3	-146.4	-267.4	7.60	516.2
	-5.51	3.29	694.01	391.6	0.07381	407.7	2099.7	0.002362	3.7246E-07		0.004205	22.72
48	82.27	6.84	0.200	0.747	5754.7	65365.7	188.4	9117.9	-183.7	-166.7	6.44	1113.9
56	-4.89	-2.06	0.623	0.124	5829.6	63455	143.9	8927.0	-179.8	-258.4	7.79	516.3
	-5.51	3.29	694.02	391.6	0.07494	406.3	2099.6	0.002361	3.7252E-07		0.004191	22.76
48	82.19	6.84	0.200	0.747	5832.7	65073.3	-700.9	10689.3	-190.3	-153.3	6.52	1114.1
57	-4.88	-2.06	0.623	0.124	5907.6	63163.7	-745.6	10501.3	-186.3	-244.8	7.89	516.5
	-5.51	3.29	693.98	391.6	0.07597	404.5	2099.7	0.002361	3.7261E-07		0.004173	22.71
48	82.23	6.84	0.200	0.747	5745.1	65622.6	-2927.3	9981.3	-198.4	-156.2	6.30	1114.2
58	-4.89	-2.06	0.623	0.124	5820.0	63712.7	-2972.0	9792.4	-194.4	-247.8	7.58	516.5
	-5.51	3.29	693.95	391.5	0.07486	407.9	2099.6	0.002360	3.7265E-07		0.004210	22.73
48	81.48	4.24	0.198	0.746	5702.8	31750.3	1873.9	8927.4	-154.9	-184.4	7.10	1114.4
60	2.63	-1.98	0.623	0.123	5740.2	29875.9	1998.9	8310.1	-145.9	-266.9	8.50	516.7
	2.00	2.37	694.44	391.8	0.07421	197.5	2100.1	0.002360	3.7275E-07		0.002034	22.32
48	81.56	5.24	0.198	0.747	6932.1	35109.4	6312.6	15646.8	-158.0	-94.1	6.80	1114.4
61	2.76	-1.98	0.623	0.123	6969.5	33234.2	6437.7	15027.4	-149.0	-176.6	7.82	516.8
	2.00	2.37	694.49	391.8	0.09021	218.4	2100.1	0.002360	3.7278E-07		0.002250	22.36

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS LOD_QS CPOS	CSND TSR Q
48	81.46	3.21	0.198	0.746	4533.3	28527.3	-2315.0	2779.5	-151.2	-236.0	7.19	1114.4
62	2.50	-1.98	0.623	0.123	4570.7	26653.1	-2190.1	2162.8	-142.3	-318.5	9.09	516.7
	2.00	2.37	694.61	391.9	0.05897	177.5	2100.1	0.002360	3.7276E-07		0.001827	22.30
48	81.85	4.31	0.199	0.747	5789.6	31960.6	1465.2	8717.5	-163.4	-180.7	7.13	1114.4
63	2.63	-2.04	0.623	0.124	5827.0	30082.3	1591.1	8090.0	-154.4	-263.6	8.53	516.8
	2.00	2.42	694.56	391.9	0.07534	198.8	2099.9	0.002360	3.7279E-07		0.002048	22.51
48	81.89	4.30	0.199	0.747	5426.7	34508.7	972.8	-1016.6	-157.9	-300.6	7.32	1114.5
64	2.59	-2.04	0.623	0.124	5464.0	32630	1098.7	-1645.1	-148.9	-383.6	8.92	516.9
	2.00	3.44	694.47	391.8	0.07064	214.6	2099.9	0.002359	3.7282E-07		0.002212	22.53
48	81.96	4.30	0.199	0.747	5127.7	36640.6	1573.7	-9376.8	-203.0	-468.9	8.36	1114.5
65	2.56	-2.04	0.623	0.124	5165.1	34761.2	1699.8	-10007.4	-194.1	-552.0	10.64	516.9
	2.00	4.40	694.42	391.8	0.06676	227.9	2099.7	0.002359	3.7282E-07		0.002349	22.57
48	81.76	4.31	0.199	0.747	6115.9	29277.8	2026.1	17863.3	-169.4	-55.4	6.92	1114.5
66	2.67	-2.04	0.623	0.124	6153.3	27400.5	2151.7	17238.4	-160.5	-138.2	8.15	516.8
	2.00	1.44	694.41	391.8	0.07961	182.1	2099.9	0.002359	3.7280E-07		0.001876	22.46
48	81.61	4.31	0.198	0.747	6626.4	24588.5	2213.4	28904.4	-147.8	158.7	6.62	1114.6
67	2.73	-2.04	0.623	0.123	6663.8	22712.9	2338.6	28283.9	-138.9	76.1	7.63	516.9
	2.00	0.43	694.54	391.9	0.08624	153.0	2099.9	0.002359	3.7287E-07		0.001576	22.38
48	81.73	4.31	0.199	0.747	5873.6	31312.6	2076.3	10719.1	-167.1	-157.5	7.14	1114.6
68	2.64	-2.04	0.623	0.124	5911.0	29435.7	2201.8	10095.3	-158.2	-240.3	8.51	517.0
	2.00	2.35	694.44	391.8	0.07648	194.8	2099.8	0.002359	3.7289E-07		0.002008	22.44
48	81.80	4.30	0.199	0.747	5774.4	31448.4	13735.8	10840.7	-69.0	-155.0	7.00	1114.7
69	2.63	-0.93	0.623	0.124	5811.7	29570.8	13861.5	10214.9	-60.0	-237.8	8.35	517.0
	2.00	2.36	694.45	391.8	0.07519	195.6	2099.9	0.002358	3.7292E-07		0.002016	22.48

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
48	81.79	4.31	0.199	0.747	5825.5	32325.9	-9263.8	9263.2	-256.6	-168.3	6.98	1114.8	
70	2.64	-3.05	0.623	0.124	5862.9	30448.5	-9138.2	8638.0	-247.7	-251.1	8.30	517.1	
	2.00	2.34	694.46	391.8	0.07587	201.1	2099.8	0.002358	3.7297E-07		0.002073	22.47	
48	81.83	4.22	0.199	0.747	5723.4	31611.7	1624.1	8453.2	-166.2	-172.7	7.08	1114.9	
71	2.63	-2.02	0.623	0.124	5760.8	29734	1749.8	7827.2	-157.3	-255.5	8.46	517.2	
	2.00	2.35	694.53	391.9	0.07454	196.6	2099.8	0.002358	3.7302E-07		0.002027	22.48	
48	81.89	4.22	0.199	0.747	5494.4	32399.9	655.3	4374.2	-165.5	-216.4	7.08	1115.0	
72	2.60	-2.02	0.623	0.124	5531.8	30521.6	781.1	3746.6	-156.6	-299.3	8.54	517.3	
	2.00	2.36	694.51	391.9	0.07158	201.5	2099.8	0.002357	3.7307E-07		0.002078	22.51	
48	81.79	4.23	0.199	0.747	5932.9	30990.0	2889.0	14536.7	-166.7	-110.2	6.87	1115.0	
73	2.65	-2.02	0.623	0.124	5970.2	29112.7	3014.6	13911.9	-157.7	-193.0	8.12	517.3	
	2.00	2.34	694.55	391.9	0.07728	192.8	2099.9	0.002357	3.7306E-07		0.001988	22.46	
48	81.84	4.23	0.199	0.747	5674.8	31372.0	2882.6	8525.5	-160.4	-171.2	7.07	1115.0	
74	2.62	-2.01	0.623	0.124	5712.1	29494.3	3008.4	7899.4	-151.5	-254.0	8.47	517.3	
	2.00	2.35	694.56	391.9	0.07392	195.2	2099.8	0.002357	3.7307E-07		0.002012	22.48	
48	81.67	4.23	0.198	0.746	5878.1	30820.5	1310.5	11317.9	-171.1	-145.2	7.14	1115.0	
75	2.65	-2.02	0.623	0.123	5915.5	28944.6	1435.8	10696.6	-162.2	-227.8	8.50	517.4	
	2.00	2.35	694.51	391.8	0.07659	191.7	2099.9	0.002357	3.7310E-07		0.001977	22.39	
48	81.81	4.22	0.199	0.746	5551.7	31633.3	903.4	7424.9	-167.4	-182.5	7.00	1115.1	
76	2.61	-2.02	0.623	0.124	5589.1	29755.9	1029.1	6799.8	-158.5	-265.3	8.40	517.4	
	2.00	2.36	694.46	391.8	0.07235	196.8	2099.9	0.002357	3.7311E-07		0.002030	22.47	
48	81.92	4.23	0.199	0.747	5873.0	31392.0	2803.8	10847.2	-164.9	-142.9	7.01	1115.0	
77	2.64	-2.02	0.623	0.124	5910.4	29513.4	2929.8	10218.9	-156.0	-225.8	8.33	517.3	
	2.00	2.34	694.46	391.8	0.07653	195.3	2099.7	0.002357	3.7309E-07		0.002014	22.53	

RUN POINT	VKTS		COLLA		MU		MAT		THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH		LOD_RS		CSND	
	ALFSC	ALFSU	LATA	LONGA	MTIP	OMR	MTUN	RPM	LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	SIDEQH	DRAGQH	DRAGQH	LOD_QS	CPOS	TSR	Q
48	81.84		4.23		0.199		0.746		5676.6		31683.5		1516.9		7103.2		-167.3		-181.6		7.10		1115.1	
79	2.62		-2.02		0.623		0.124		5713.9		29805.9		1642.6		6477.4		-158.3		-264.4		8.51		517.4	
	2.00		2.35		694.24		391.7		0.07402		197.0		2099.9		0.002357		3.7313E-07				0.002034		22.48	
48	81.85		4.22		0.199		0.746		5526.2		32402.9		894.4		3791.3		-167.0		-212.0		7.07		1115.2	
80	2.61		-2.02		0.623		0.124		5563.6		30525.2		1020.1		3165.3		-158.1		-294.8		8.51		517.5	
	2.00		2.36		694.34		391.8		0.07205		201.5		2099.9		0.002356		3.7319E-07				0.002080		22.48	
48	81.85		4.22		0.199		0.746		5437.9		32674.6		224.0		2108.0		-167.9		-230.1		7.09		1115.2	
81	2.60		-2.02		0.623		0.124		5475.2		30796.9		349.8		1482.0		-159.0		-313.0		8.57		517.5	
	2.00		2.36		694.26		391.7		0.07091		203.2		2099.9		0.002356		3.7317E-07				0.002098		22.48	
48	81.95		4.23		0.199		0.746		5941.6		30539.9		2613.5		12138.0		-170.6		-120.5		7.07		1115.2	
82	2.65		-2.02		0.623		0.124		5979.0		28661.1		2739.5		11509.2		-161.7		-203.5		8.39		517.5	
	2.00		2.34		694.28		391.7		0.07749		189.9		2099.8		0.002356		3.7320E-07				0.001961		22.54	
48	81.94		4.23		0.199		0.746		6068.5		30238.5		3468.8		15994.6		-169.8		-78.5		6.89		1115.3	
83	2.66		-2.02		0.622		0.124		6105.9		28360		3594.6		15366.5		-160.8		-161.4		8.12		517.6	
	2.00		2.33		694.21		391.7		0.07917		188.0		2099.8		0.002356		3.7324E-07				0.001942		22.52	
48	81.75		4.24		0.199		0.746		6164.2		30742.9		3874.3		19003.4		-168.7		-43.5		6.61		1115.4	
84	2.68		-2.02		0.622		0.124		6201.6		28866.5		3999.7		18380.8		-159.8		-126.2		7.71		517.7	
	2.00		2.32		694.15		391.6		0.08045		191.1		2099.8		0.002355		3.7328E-07				0.001975		22.42	
48	81.94		4.22		0.199		0.746		5663.4		31132.1		1753.1		8845.9		-166.4		-159.3		7.02		1115.5	
86	2.62		-2.02		0.622		0.124		5700.7		29253.8		1879.0		8218.1		-157.5		-242.2		8.40		517.8	
	2.00		2.35		694.20		391.7		0.07391		193.6		2099.8		0.002355		3.7334E-07				0.002001		22.52	
48	81.95		4.22		0.199		0.746		5573.3		31141.6		1275.6		6204.0		-167.7		-181.4		7.13		1115.5	
87	2.61		-2.02		0.622		0.124		5610.6		29263.1		1401.6		5575.6		-158.7		-264.3		8.59		517.8	
	2.00		2.36		694.20		391.7		0.07274		193.6		2099.9		0.002355		3.7332E-07				0.002001		22.53	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS LOD_QS CPOS	CSND TSR Q
48	81.82	4.22	0.199	0.746	5343.2	32133.1	752.9	4420.4	-164.8	-198.1	6.83	1115.4
88	2.59	-2.02	0.622	0.124	5380.5	30255.9	878.5	3795.9	-155.9	-280.9	8.22	517.7
	2.00	2.36	694.19	391.7	0.06973	199.8	2100.0	0.002355	3.7331E-07		0.002065	22.46
48	81.81	4.23	0.199	0.746	5918.4	30877.3	2527.0	12197.7	-169.0	-122.4	6.98	1115.6
89	2.65	-2.02	0.622	0.124	5955.7	29000.3	2652.5	11573.6	-160.0	-205.1	8.27	517.9
	2.00	2.33	694.22	391.7	0.07723	192.0	2100.0	0.002355	3.7338E-07		0.001984	22.45
48	81.91	4.23	0.199	0.746	6022.5	31186.7	2633.2	14282.9	-170.4	-99.2	6.83	1115.4
90	2.66	-2.02	0.622	0.124	6059.9	29308.5	2759.0	13655.7	-161.5	-182.1	8.04	517.7
	2.00	2.32	694.26	391.7	0.07857	193.9	2100.0	0.002355	3.7330E-07		0.002003	22.51
48	81.88	4.23	0.199	0.746	6209.3	31254.0	2874.3	14834.2	-174.1	-84.6	6.86	1115.5
91	2.68	-2.02	0.622	0.124	6246.6	29376.3	3000.0	14208.0	-165.2	-167.4	8.04	517.8
	2.00	2.31	694.26	391.7	0.08101	194.3	2099.9	0.002355	3.7332E-07		0.002008	22.49
48	81.86	4.23	0.199	0.746	5806.2	30817.2	2164.9	10986.0	-169.3	-135.0	7.00	1115.6
92	2.64	-2.02	0.622	0.124	5843.5	28939.7	2290.6	10360.6	-160.4	-217.8	8.33	517.9
	2.00	2.34	694.28	391.7	0.07577	191.6	2099.9	0.002355	3.7338E-07		0.001980	22.47
48	81.94	4.23	0.199	0.746	5877.9	30545.2	3055.6	8521.7	-165.9	-150.4	7.27	1115.5
93	2.64	-2.02	0.622	0.124	5915.2	28666.9	3181.5	7894.0	-157.0	-233.3	8.69	517.8
	2.00	2.33	694.26	391.7	0.07671	189.9	2099.7	0.002355	3.7336E-07		0.001963	22.52
48	81.79	4.23	0.199	0.746	5732.9	31692.8	3831.4	8493.6	-159.3	-150.8	6.88	1115.5
94	2.63	-2.01	0.622	0.124	5770.2	29816	3956.9	7870.0	-150.3	-233.6	8.18	517.8
	2.00	2.33	694.25	391.7	0.07482	197.1	2099.8	0.002355	3.7335E-07		0.002037	22.44
48	81.84	4.23	0.199	0.746	5752.5	31452.9	5203.7	8907.6	-152.7	-145.6	6.91	1115.6
95	2.63	-2.01	0.622	0.124	5789.8	29575.6	5329.3	8282.7	-143.8	-228.3	8.22	517.8
	2.00	2.33	694.26	391.7	0.07507	195.6	2099.8	0.002355	3.7337E-07		0.002021	22.46

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS LOD_QS CPOS	CSND TSR Q
48	81.96	4.23	0.199	0.746	5839.5	30786.8	1079.4	10065.5	-175.7	-136.9	7.06	1115.6
96	2.64	-2.02	0.622	0.124	5876.9	28908.4	1205.2	9437.5	-166.8	-219.8	8.41	517.9
	2.00	2.34	694.24	391.7	0.07623	191.4	2099.7	0.002354	3.7341E-07		0.001979	22.52
48	81.81	4.23	0.199	0.746	5778.4	31303.3	-118.4	11117.5	-179.8	-131.3	6.84	1115.6
97	2.63	-2.03	0.622	0.124	5815.8	29426.4	7.2	10493.7	-170.8	-214.0	8.12	517.9
	2.00	2.34	694.20	391.7	0.07543	194.6	2099.7	0.002354	3.7339E-07		0.002012	22.44
48	81.92	4.23	0.199	0.746	5772.8	31501.6	-1414.9	11234.8	-186.4	-128.3	6.78	1115.6
98	2.63	-2.03	0.622	0.124	5810.1	29623.5	-1289.1	10607.9	-177.5	-211.2	8.04	517.9
	2.00	2.34	694.17	391.7	0.07537	195.9	2099.7	0.002354	3.7340E-07		0.002025	22.50
48	81.94	4.23	0.199	0.746	5729.3	31017.3	1733.2	8798.5	-168.6	-151.8	7.04	1115.7
99	2.63	-2.02	0.622	0.124	5766.7	29139.1	1859.1	8171.0	-159.7	-234.7	8.41	517.9
	2.00	2.34	694.27	391.7	0.07479	192.9	2099.7	0.002354	3.7342E-07		0.001994	22.51
53	122.75	10.13	0.299	0.809	5887.0	103445.0	3772.3	14310.8	-144.6	-37.2	7.94	1110.8
24	-8.83	-1.64	0.623	0.186	6029.3	100993	3162.8	13129.7	-138.7	-197.7	11.60	513.4
	-9.11	5.41	691.81	390.3	0.07709	641.0	2088.4	0.002363	3.7090E-07		0.006670	50.71
53	122.89	11.11	0.299	0.810	6926.4	120202.0	7527.6	17249.4	-148.5	-4.2	7.81	1111.1
25	-8.78	-1.75	0.624	0.186	7071.4	117744	6915.0	16098.2	-142.3	-165.8	10.65	513.7
	-9.11	6.10	692.83	390.9	0.09050	745.8	2088.2	0.002362	3.7106E-07		0.007733	50.79
53	122.66	9.16	0.299	0.809	4249.8	87047.2	-4657.8	-4998.2	-146.1	-227.5	7.76	1111.2
26	-8.90	-1.75	0.623	0.186	4388.4	84601.8	-5263.1	-6219.6	-140.6	-386.6	13.47	513.8
	-9.11	6.11	692.73	390.8	0.05555	540.0	2088.5	0.002361	3.7111E-07		0.005602	50.60
53	122.70	10.05	0.299	0.809	5723.4	102722.0	1356.7	11580.9	-150.9	-68.0	7.87	1111.2
27	-8.83	-1.75	0.623	0.186	5863.2	100274	750.1	10373.1	-145.2	-227.6	11.59	513.8
	-9.11	5.50	692.05	390.5	0.07496	636.7	2088.4	0.002361	3.7110E-07		0.006624	50.64

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		TSR Q	CSND
											LOD_QS	CPOS		
53 28	122.59	10.05	0.299	0.808	5310.3	102612.0	-582.5	124.4	-150.4	-212.1	8.16		1111.3	
	-8.85	-1.75	0.622	0.186	5446.8	100171	-1185.3	-1120.0	-145.1	-370.4	12.66		513.9	
	-9.11	6.48	691.64	390.2	0.06964	635.6	2088.5	0.002361	3.7115E-07		0.006625		50.54	
53 29	122.68	10.05	0.300	0.808	4639.4	100271.0	-2657.7	-13030.5	-149.2	-358.9	8.10		1111.4	
	-8.89	-1.75	0.622	0.186	4778.0	97825.6	-3263.0	-14251.5	-143.7	-518.1	13.65		514.0	
	-9.11	7.51	691.14	390.0	0.06093	620.7	2088.4	0.002361	3.7119E-07		0.006484		50.60	
53 30	122.71	10.06	0.299	0.808	6309.8	101582.0	4305.5	25444.4	-151.6	122.1	7.89		1111.6	
	-8.80	-1.75	0.622	0.186	6448.4	99136.6	3700.2	24223.8	-146.1	-37.0	11.11		514.2	
	-9.11	4.50	691.77	390.3	0.08277	629.4	2088.3	0.002360	3.7131E-07		0.006561		50.60	
54 1	123.06	10.05	0.300	0.809	5728.2	102821.0	2330.5	12297.6	-146.4	-67.6	7.90		1112.6	
	-8.83	-1.69	0.623	0.186	5873.0	100363	1718.2	11143.9	-140.2	-229.1	11.72		515.1	
	-9.11	5.53	692.63	390.8	0.07510	637.9	2087.7	0.002355	3.7181E-07		0.006637		50.79	
54 2	122.81	10.05	0.299	0.809	5648.6	101857.0	13633.5	10987.6	-54.6	-79.7	7.92		1112.5	
	-8.84	-0.66	0.623	0.186	5787.0	99412.3	13028.5	9764.6	-49.2	-238.8	11.75		515.0	
	-9.11	5.54	692.65	390.8	0.07405	631.9	2088.0	0.002355	3.7179E-07		0.006574		50.60	
54 3	123.01	10.06	0.300	0.809	5863.4	103832.0	-9536.4	12774.4	-241.4	-56.1	8.02		1112.5	
	-8.83	-2.76	0.622	0.186	6007.4	101376	-10147.8	11612.0	-235.3	-217.3	11.82		515.0	
	-9.11	5.51	692.49	390.7	0.07690	643.9	2087.7	0.002356	3.7175E-07		0.006705		50.77	
54 4	122.97	9.99	0.300	0.809	5690.9	101526.0	3966.3	13025.3	-133.4	-53.8	7.87		1112.5	
	-8.83	-1.52	0.622	0.186	5833.8	99071.4	3356.1	11851.0	-127.4	-214.6	11.65		515.0	
	-9.11	5.36	692.42	390.7	0.07464	629.6	2087.8	0.002356	3.7177E-07		0.006556		50.73	
54 5	123.00	9.98	0.300	0.808	5001.5	99110.6	-822.6	-324.6	-136.0	-177.9	7.44		1112.8	
	-8.87	-1.52	0.622	0.186	5144.1	96657.3	-1432.3	-1503.1	-130.1	-338.5	11.47		515.3	
	-9.11	5.41	692.29	390.6	0.06567	614.5	2087.7	0.002354	3.7195E-07		0.006407		50.72	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS		CSND TSR Q
											LOD_QS	CPOS	
54 6	123.07	10.01	0.300	0.810	6495.0	104187.0	8986.0	28781.0	-125.2	152.7	7.71	1112.8	
	-8.80	-1.52	0.623	0.186	6639.8	101729	8373.7	27627.3	-119.1	-8.8	10.71	515.2	
	-9.11	5.31	693.43	391.2	0.08498	647.1	2087.8	0.002354	3.7191E-07		0.006712	50.79	
54 7	123.01	9.99	0.299	0.809	5738.3	102112.0	7193.1	12725.2	-117.0	-60.2	7.95	1112.9	
	-8.83	-1.52	0.623	0.186	5881.0	99657.9	6583.3	11548.5	-111.0	-220.9	11.79	515.4	
	-9.11	5.36	693.50	391.3	0.07508	634.3	2087.9	0.002354	3.7201E-07		0.006578	50.73	
54 8	122.91	10.00	0.299	0.809	6056.1	103271.0	2578.2	19856.7	-150.8	23.2	7.84	1113.0	
	-8.82	-1.53	0.623	0.186	6196.0	100823	1971.5	18648.9	-145.2	-136.4	11.21	515.5	
	-9.11	5.34	693.50	391.3	0.07925	641.5	2088.0	0.002354	3.7204E-07		0.006654	50.64	
54 9	122.85	9.98	0.299	0.809	5291.1	100411.0	-721.4	4086.0	-143.9	-131.7	7.59	1113.0	
	-8.85	-1.53	0.623	0.186	5429.3	97966.5	-1326.3	2861.5	-138.4	-290.7	11.40	515.4	
	-9.11	5.39	693.48	391.3	0.06923	623.7	2088.0	0.002354	3.7201E-07		0.006469	50.60	
54 10	122.84	10.00	0.299	0.809	5896.3	102157.0	5455.3	16919.4	-128.7	-12.7	7.91	1113.1	
	-8.82	-1.52	0.623	0.186	6033.9	99713.3	4851.2	15687.2	-123.3	-171.5	11.47	515.5	
	-9.11	5.34	693.42	391.2	0.07718	634.5	2088.1	0.002353	3.7208E-07		0.006584	50.58	
54 12	123.08	10.08	0.300	0.809	5337.7	102168.0	2646.9	1265.4	-128.9	-190.7	8.13	1113.3	
	-8.85	-1.52	0.623	0.186	5481.2	99712.9	2036.0	97.9	-122.9	-351.8	12.68	515.8	
	-9.11	6.07	693.06	391.0	0.06998	634.2	2088.0	0.002352	3.7221E-07		0.006596	50.75	
54 13	123.04	10.07	0.300	0.809	5003.2	100636.0	1064.7	-5297.5	-128.6	-255.0	8.04	1113.5	
	-8.87	-1.52	0.623	0.186	5145.3	98183.9	455.5	-6480.9	-122.8	-415.5	12.91	515.9	
	-9.11	6.09	693.20	391.1	0.06559	624.8	2088.1	0.002352	3.7228E-07		0.006496	50.71	
54 14	123.06	10.07	0.299	0.809	4687.4	99178.5	-785.6	-10734.5	-128.7	-299.2	7.73	1113.5	
	-8.88	-1.52	0.623	0.186	4829.7	96725.6	-1395.1	-11915.4	-122.8	-459.8	12.64	516.0	
	-9.11	6.11	693.62	391.3	0.06138	616.1	2088.0	0.002351	3.7231E-07		0.006395	50.72	

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU MTIP OMR	MAT MTUN RPM	THRUST LIFTQH CTOS	TORQ TORQ_QW HP	ROLLRH ROLLQH PS	PITCHRH PITCHQH RHO	SIDERH SIDEQH VISC	DRAGRH DRAGQH	LOD_RS LOD_QS CPOS	CSND TSR Q
54	123.08	10.10	0.300	0.809	5982.6	105213.0	6977.6	15837.5	-126.5	-37.6	7.92	1113.5
15	-8.82	-1.52	0.623	0.186	6125.5	102759	6367.5	14662.4	-120.6	-198.3	11.50	515.9
	-9.11	6.02	693.49	391.3	0.07837	653.5	2087.9	0.002351	3.7231E-07		0.006786	50.73
54	122.96	10.10	0.299	0.809	6335.5	106805.0	9573.9	23412.9	-116.3	57.2	7.73	1113.6
16	-8.80	-1.52	0.623	0.186	6474.8	104358	8967.7	22200.2	-110.7	-102.2	10.80	516.0
	-9.11	6.01	693.43	391.2	0.08301	663.3	2088.1	0.002351	3.7235E-07		0.006891	50.63
54	123.03	10.10	0.299	0.809	6638.8	108568.0	11644.8	28893.5	-113.4	150.1	7.46	1113.7
17	-8.79	-1.52	0.623	0.186	6779.8	106117	11036.9	27697.9	-107.6	-10.0	10.12	516.1
	-9.11	6.00	693.38	391.2	0.08702	674.2	2088.0	0.002351	3.7240E-07		0.007007	50.68
54	122.97	10.13	0.299	0.809	5423.0	103426.0	3013.4	2843.8	-131.9	-172.2	7.90	1113.9
19	-8.85	-1.57	0.623	0.186	5561.7	100981	2408.0	1624.2	-126.4	-331.4	11.96	516.3
	-9.11	6.06	694.13	391.6	0.07095	643.0	2088.2	0.002350	3.7251E-07		0.006662	50.61
54	122.92	10.12	0.299	0.809	5105.9	101326.0	1416.3	-2347.6	-133.9	-216.0	7.74	1114.0
20	-8.86	-1.57	0.623	0.186	5243.3	98883.5	812.5	-3582.6	-128.6	-374.7	11.94	516.4
	-9.11	6.08	694.10	391.6	0.06680	630.0	2088.3	0.002350	3.7254E-07		0.006527	50.57
54	122.89	10.11	0.299	0.809	4730.4	99058.7	-305.6	-8241.7	-134.3	-260.9	7.40	1113.9
21	-8.88	-1.57	0.623	0.186	4867.0	96617.3	-908.5	-9484.6	-129.0	-419.3	11.64	516.3
	-9.11	6.11	694.23	391.7	0.06187	615.9	2088.3	0.002350	3.7250E-07		0.006379	50.55
54	122.96	10.14	0.299	0.809	6000.6	106164.0	5982.1	13607.6	-130.8	-61.0	8.02	1114.1
22	-8.82	-1.57	0.623	0.186	6138.5	103720	5377.6	12379.4	-125.4	-219.9	11.63	516.5
	-9.11	6.03	693.99	391.6	0.07857	659.9	2088.4	0.002349	3.7262E-07		0.006845	50.59
54	123.02	10.14	0.299	0.809	6313.0	108040.0	7950.7	19510.0	-128.0	7.0	7.95	1114.3
23	-8.80	-1.57	0.623	0.186	6452.0	105593	7345.0	18293.2	-122.5	-152.3	11.23	516.7
	-9.11	6.01	693.87	391.5	0.08272	671.5	2088.4	0.002348	3.7274E-07		0.006970	50.62

RUN POINT	VKTS ALFSC ALFSU	COLLA LATA LONGA	MU		MAT	THRUST		TORQ		ROLLRH		PITCHRH		SIDERH		DRAGRH DRAGQH	LOD_RS		CSND TSR Q
			MTIP	OMR		LIFTQH	CTOS	TORQ_QW	HP	ROLLQH	PS	PITCHQH	RHO	SIDEQH	VISC		LOD_QS	CPOS	
					RPM														
54	122.97	10.14	0.299		0.809	6620.5		109648.0		9881.4		25262.6		-120.0		87.1	7.78		1114.3
24	-8.79	-1.57	0.623		0.186	6758.2		107204		9277.2		24031.3		-114.6		-71.7	10.68		516.7
	-9.11	6.00	693.95		391.5	0.08673		681.5		2088.4		0.002348		3.7271E-07			0.007072		50.58
54	122.96	10.13	0.299		0.808	5761.2		104946.0		7728.1		9409.7		-115.6		-111.2	8.04		1114.8
26	-8.83	-1.56	0.623		0.186	5896.8		102507		7126.3		8155.9		-110.5		-269.2	11.85		517.1
	-9.11	6.04	693.96		391.5	0.07554		652.3		2088.2		0.002346		3.7296E-07			0.006775		50.52
54	123.03	10.13	0.299		0.809	5699.6		105310.0		10651.3		8695.4		-95.4		-121.2	7.89		1114.6
27	-8.83	-1.56	0.623		0.186	5837.5		102866		10046.8		7467.0		-90.0		-280.1	11.64		517.0
	-9.11	6.04	693.98		391.6	0.07471		654.6		2088.1		0.002347		3.7288E-07			0.006797		50.59
54	123.05	10.13	0.299		0.809	5645.0		105358.0		12478.0		6915.1		-83.6		-137.6	7.88		1114.7
28	-8.84	-1.56	0.623		0.186	5783.6		102913		11872.8		5693.2		-78.1		-296.7	11.68		517.0
	-9.11	6.04	694.31		391.7	0.07393		655.2		2088.2		0.002347		3.7292E-07			0.006794		50.60
54	123.09	10.13	0.299		0.809	5749.5		105139.0		2625.5		10316.9		-143.9		-93.8	7.79		1114.7
29	-8.83	-1.57	0.623		0.186	5889.1		102691		2019.0		9107.6		-138.3		-253.4	11.40		517.0
	-9.11	6.04	694.22		391.7	0.07531		653.7		2088.0		0.002347		3.7290E-07			0.006781		50.64
54	122.94	10.13	0.299		0.809	5864.0		105824.0		323.5		10890.7		-159.2		-84.4	7.90		1114.9
30	-8.83	-1.58	0.623		0.186	5999.0		103386		-277.6		9630.5		-154.1		-242.2	11.45		517.2
	-9.11	6.04	694.24		391.7	0.07683		658.0		2088.2		0.002346		3.7300E-07			0.006827		50.50
54	122.93	10.13	0.299		0.809	5834.3		106180.0		-2347.6		9254.2		-172.9		-90.9	7.81		1114.8
31	-8.83	-1.58	0.623		0.186	5968.9		103742		-2948.3		7990.0		-167.8		-248.5	11.29		517.2
	-9.11	6.04	694.35		391.8	0.07642		660.3		2088.1		0.002346		3.7300E-07			0.006848		50.49